



# Demographic changes that are transforming Minnesota



For Family Means

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**Minnesota State Demographic Center**

FEBRUARY 24, 2014





# The State Demographer's Office has a new face



- In March 2012, Susan Brower became the State Demographer, following Tom Gillaspy's retirement after 32 years in this role





# What is the role of the MN State Demographic Center?

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- Serve as a liaison to the Census Bureau and assist with the decennial census counts
- Create MN population estimates and projections
- Analyze, interpret and distribute data from the state, U.S. Census Bureau and other sources
- Offer data and technical assistance to legislators, all levels of government, organizations and citizens across the state
- Monitor trends and help MN to make data-informed decisions

+ 3 {  
Population Shifts  
Aging & Implication  
Diversity & Immigration

Major trends for Minnesota  
*plus questions & insights from you*



# Population Shifts



# QUIZ QUESTION

During the 2000s decade, how many of Minnesota's 87 counties gained population?

A. 20

B. 30

C. 40

D. 50



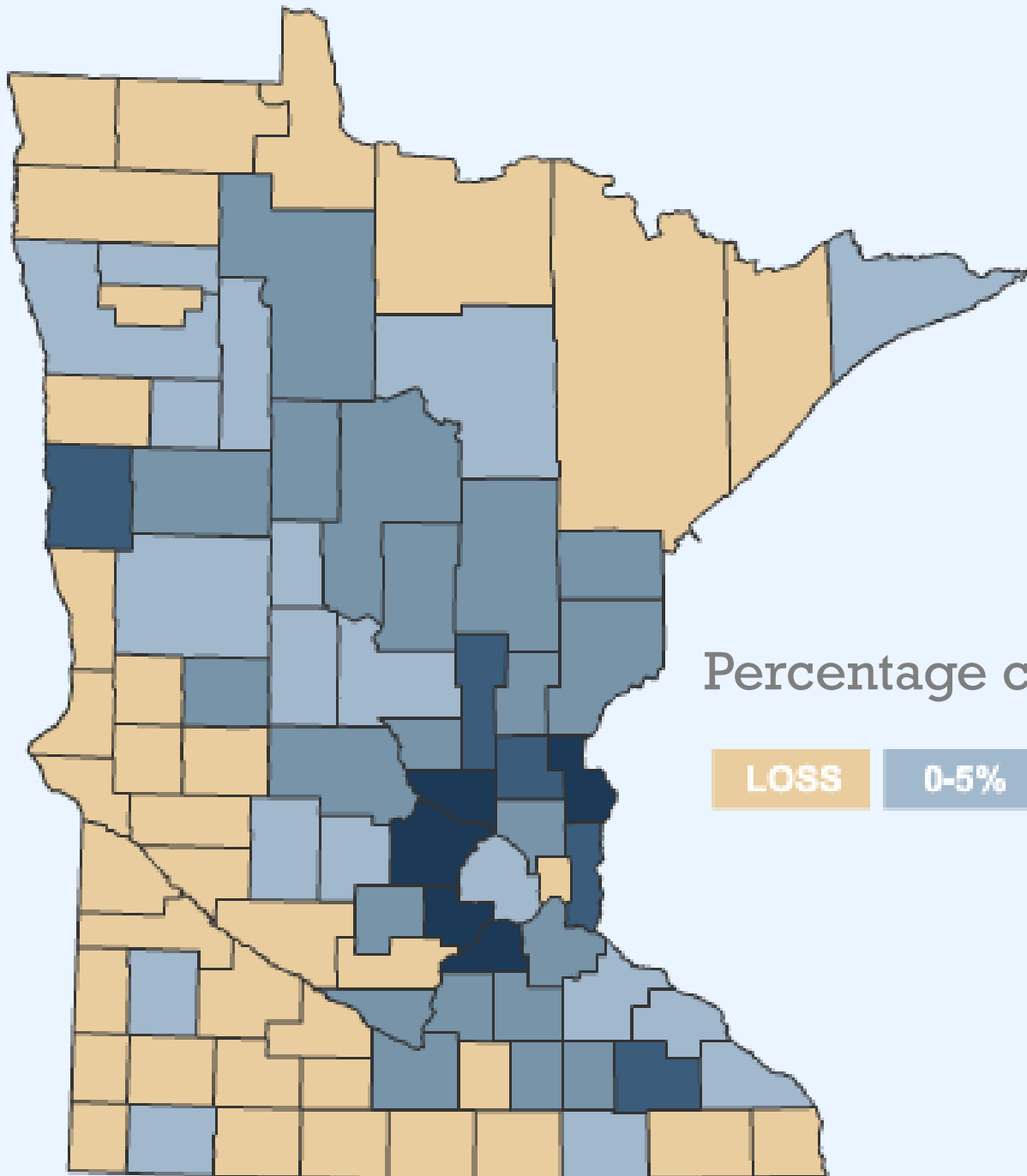




# QUIZ:

Which county grew the fastest in percentage terms during the 2000s?

- A. Scott
- B. Sherburne
- C. Washington
- D. Wright



Percentage change 2000-2010

LOSS

0-5%

5-15%

15-25%

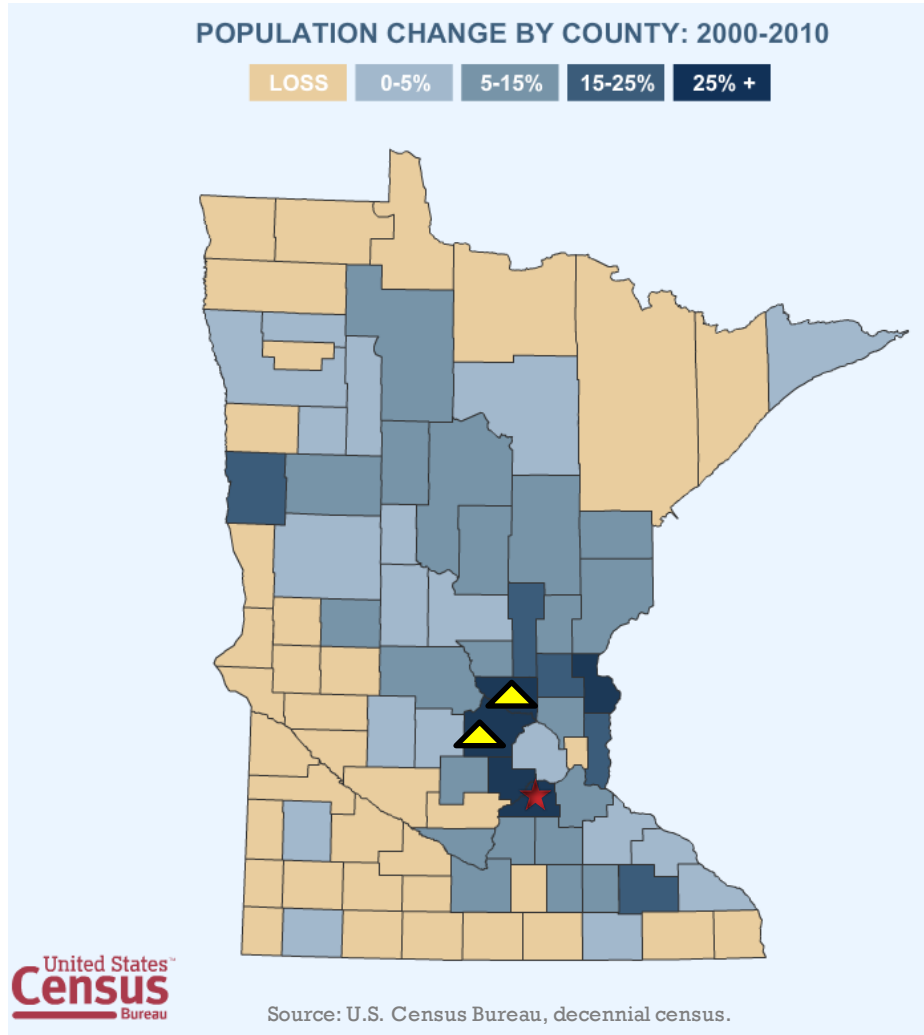
25% +

Source: U.S. Census Bureau, decennial census.





# Population shifts during last decade (2000s)



■ Greatest growth in  
was in counties that  
ring the TC metro,  
as well as growth in  
a diagonal pattern  
across the state

- Scott=45% growth! ★
- Sherburne (37%) and Wright (39%) ▲
- Washington (18%) ▲



# Washington County's growth moderated in the last decade



- From 1990-2000, Wash Co added about 55,000 people
  - 38% growth (vs 12% statewide)
- From 2000-2010, Wash Co added about 37,000 people
  - 18% growth (vs 8% statewide)
- 238,136 residents in 2010 census
- 243,313 residents in 2012 population estimates (prepared by our office)



# Stillwater growing a bit more slowly in this current decade

- 2012: 18,638 residents
- 2010: 18,227 residents
- 2000: 15,143 residents
- During 2000s, gained an average of about 300 people per year
- During 2010s, gained an average of about 200 people per year so far



# Selected “group quarters” population in Wash Co, 2010

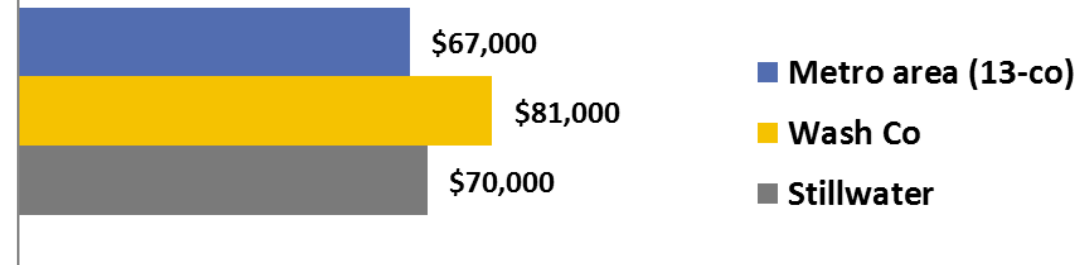
	Stillwater	Bayport	Wash Co Total
Adult Corrections	206	1,587	2,241
Nursing facilities	208	0	664



# Households in Stillwater and Washington County

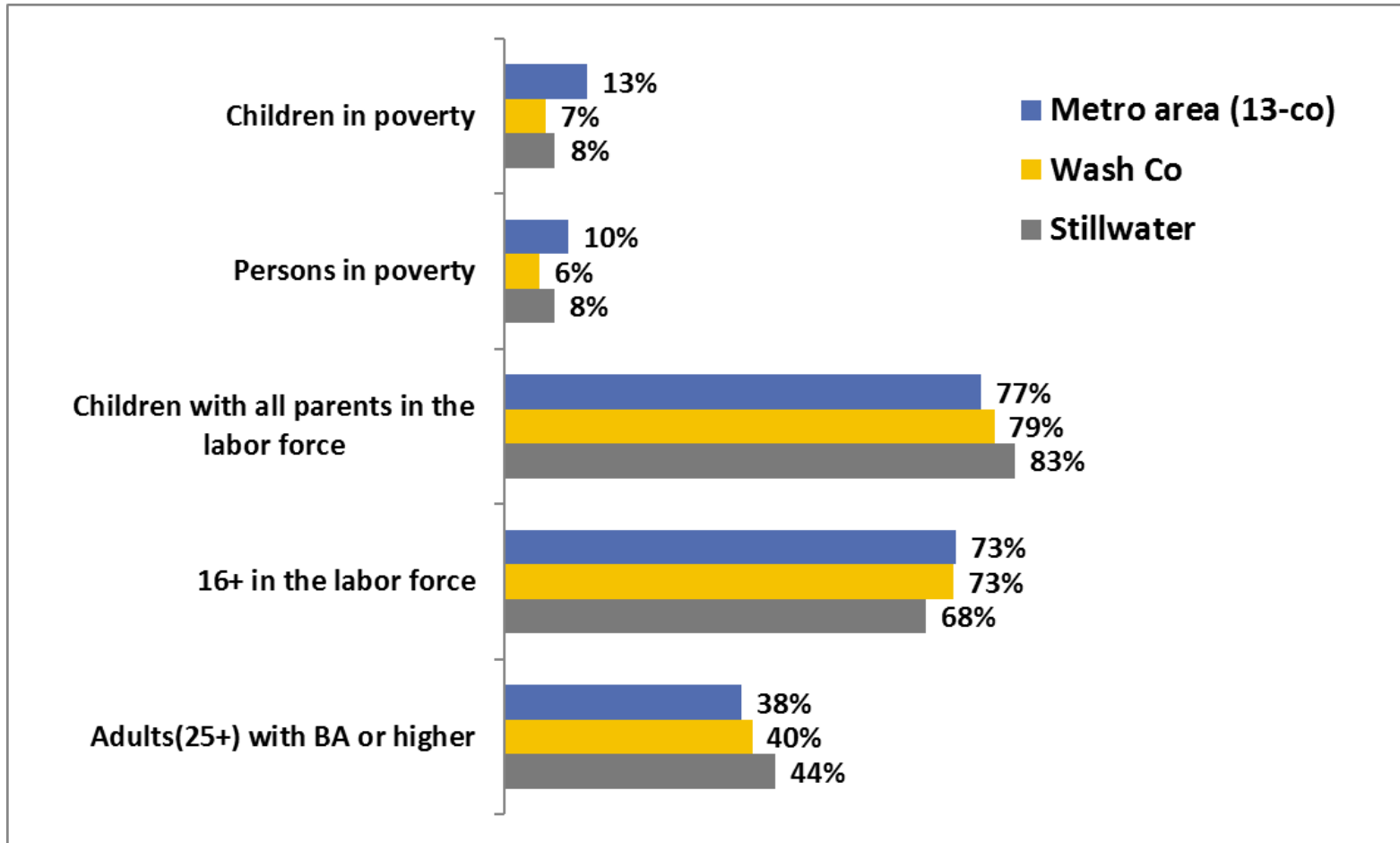
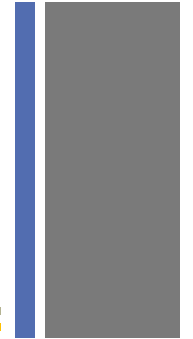
- Are highly educated
- Parents participate highly in the labor force
- Have higher median household incomes and lower likelihood of poverty than the rest of the metro

Median HH income (2012 dollars)





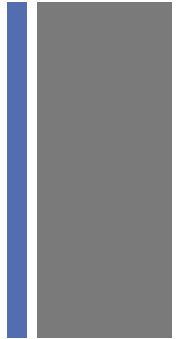
# Selected economic characteristics



Source: U.S. Census Bureau, 2008-2012 American Community Survey. Error margins exist but are not shown.



# Relationship challenges in Washington County



## Among all females 15+ (95,100 women)

- 11 percent are divorced (10,000 women)
- 6 percent are widowed (6,100 women)
- 1 percent are separated from husband (1,200 women)
- Rates similar to the metro as a whole

*Of course, the men and children in these relationships and families also experience challenges, although data are not presented for them*

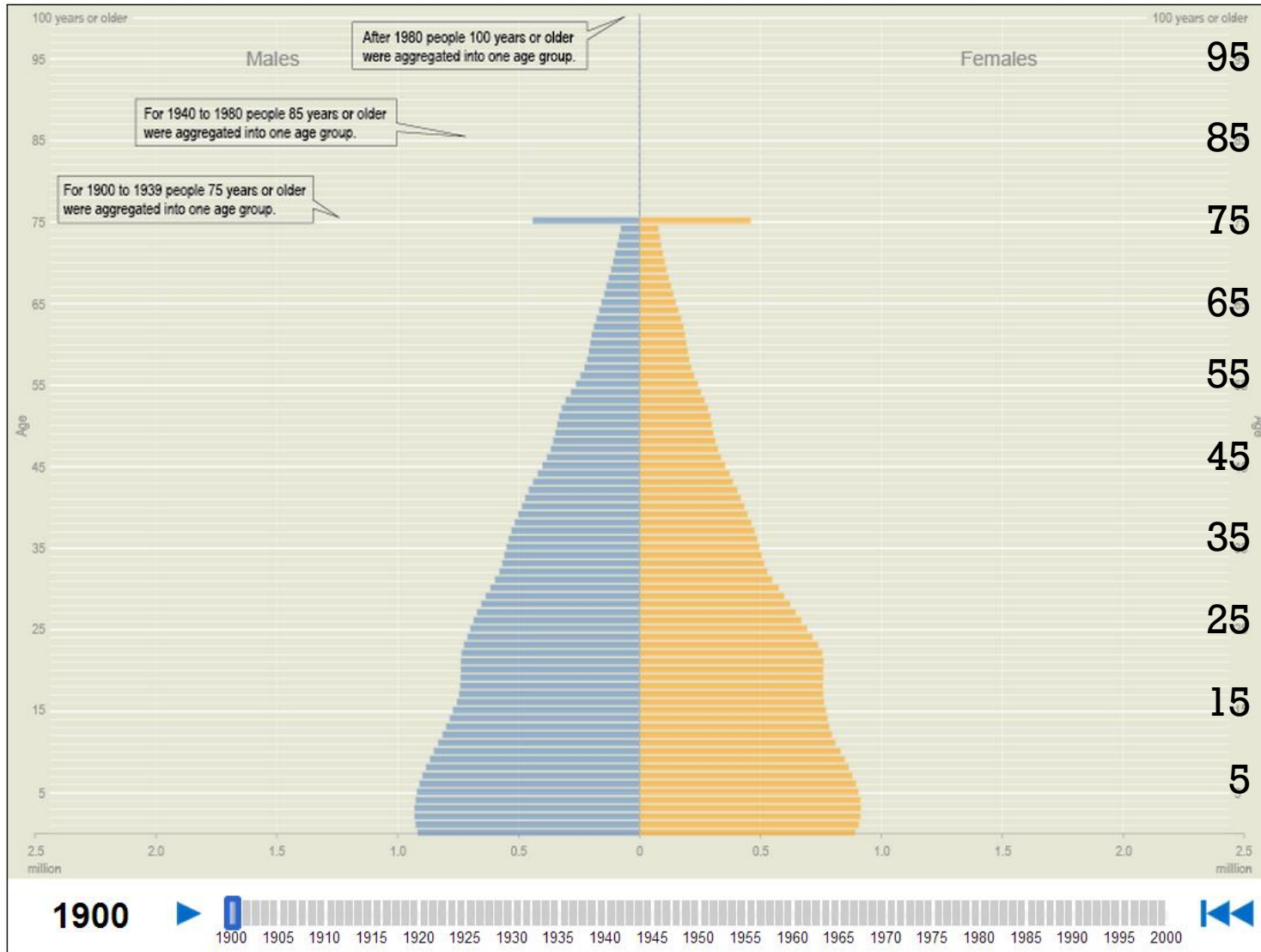




Aging

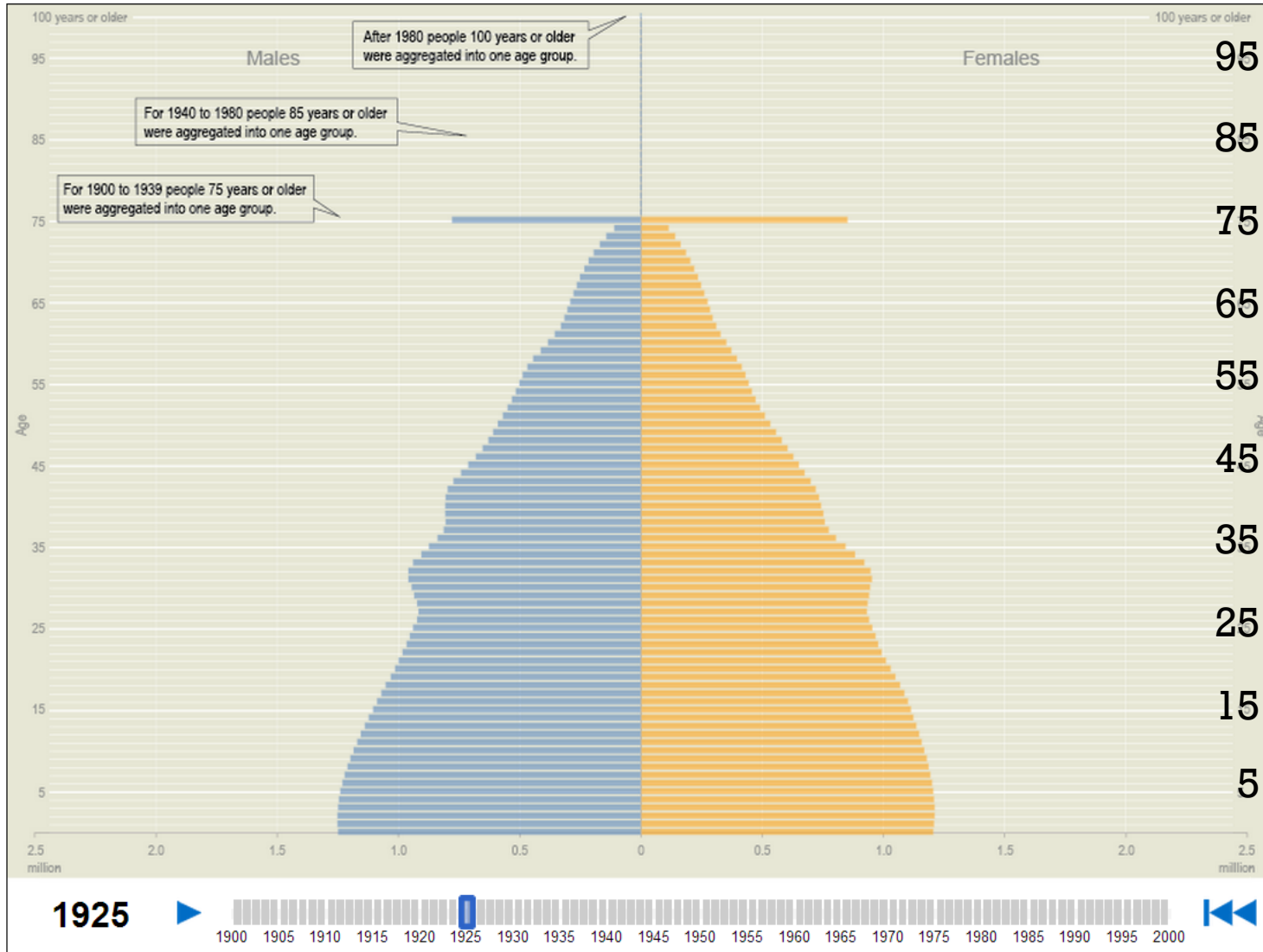


# The nation in 1900



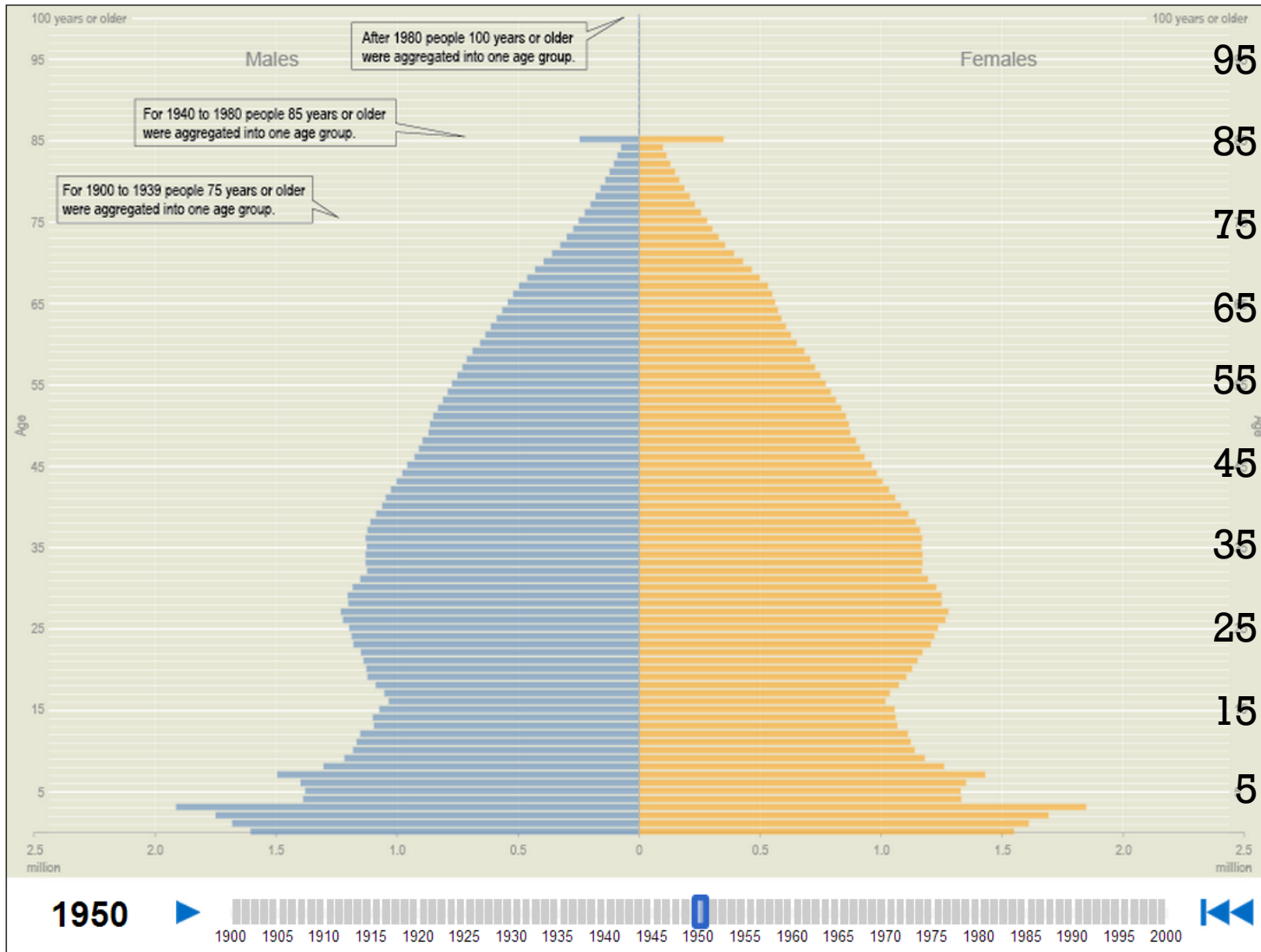


# The nation in 1925



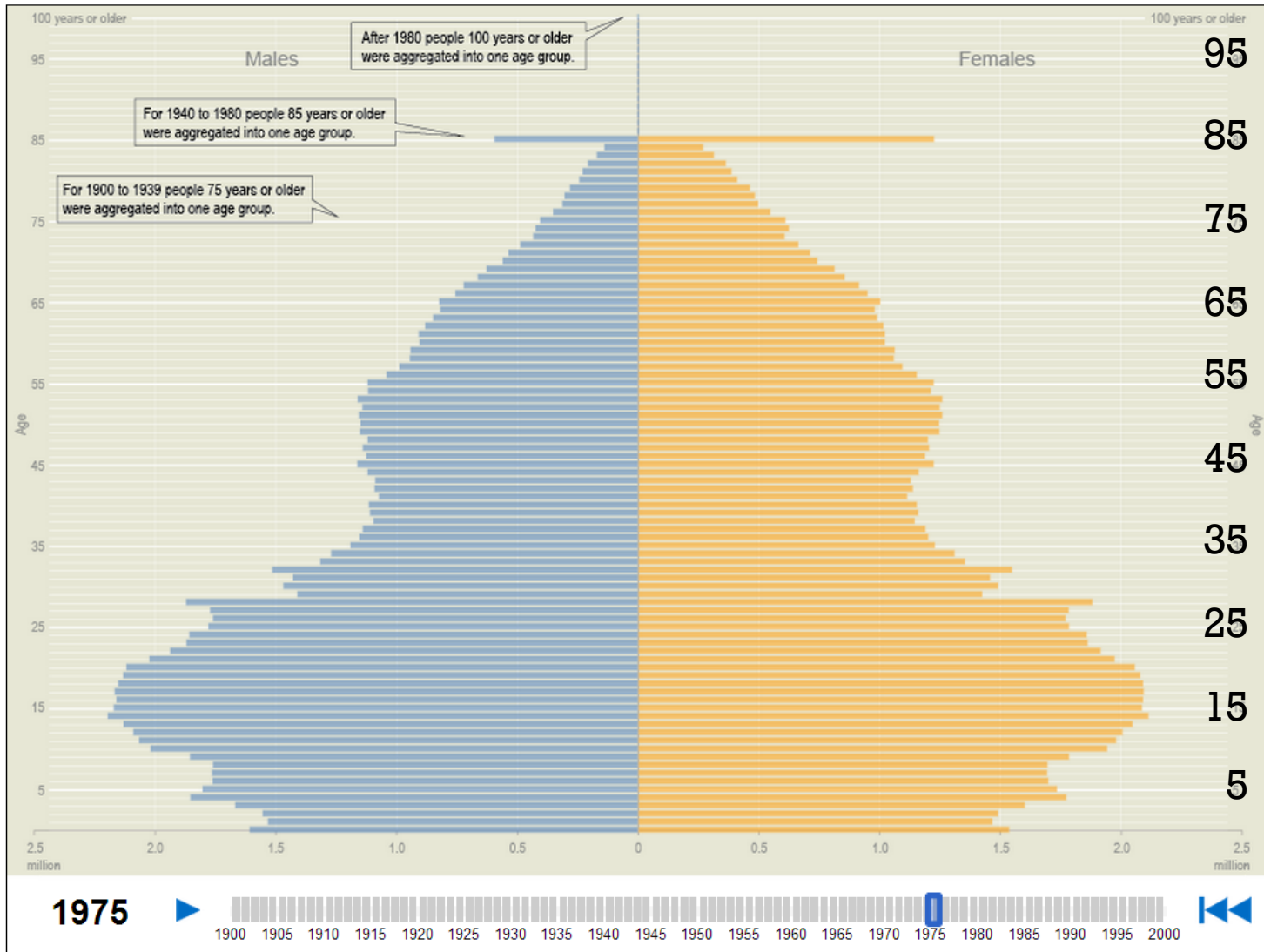


# The nation in 1950



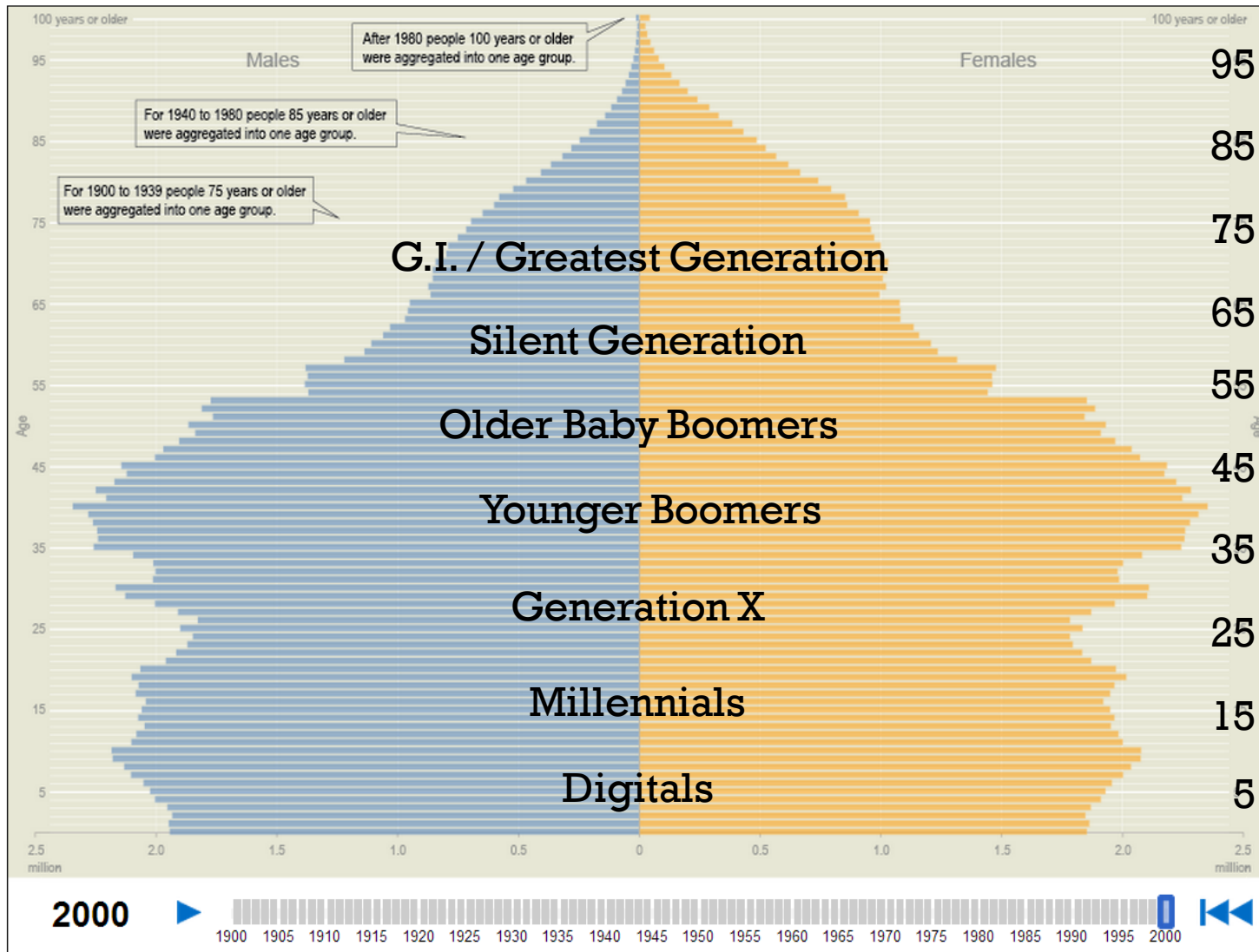


# The nation in 1975



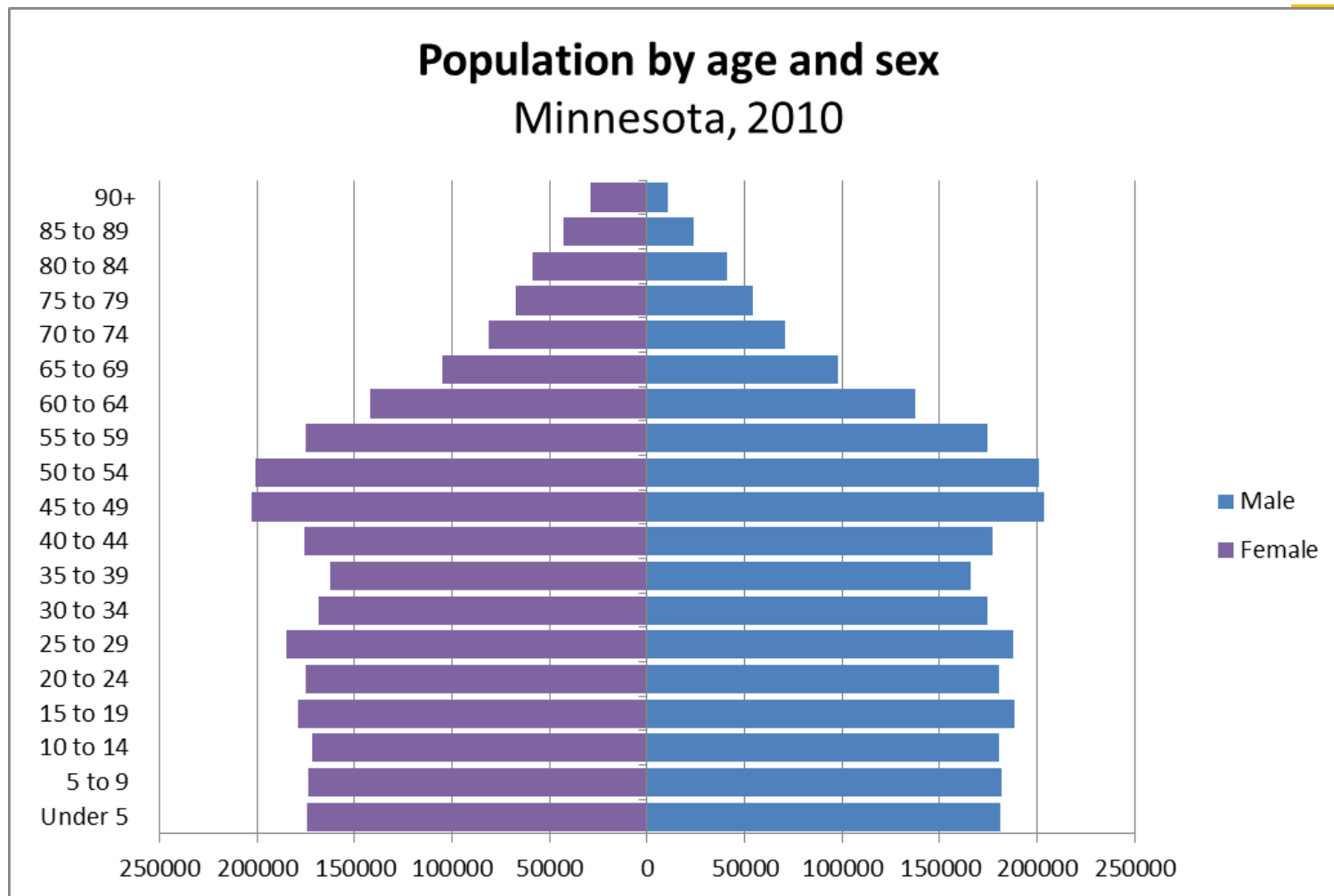


# The nation in 2000





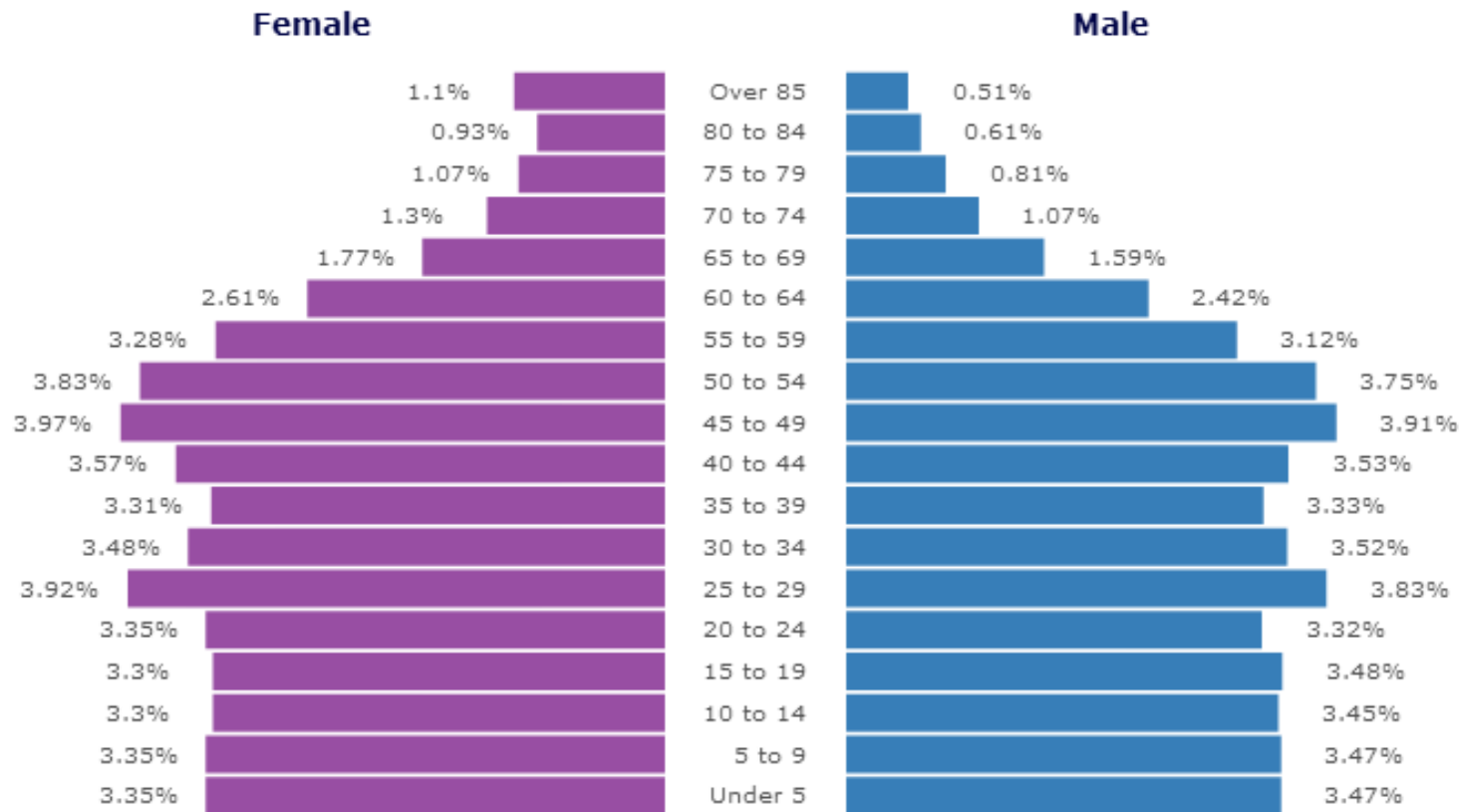
# Minnesota total population, 2010 decennial census





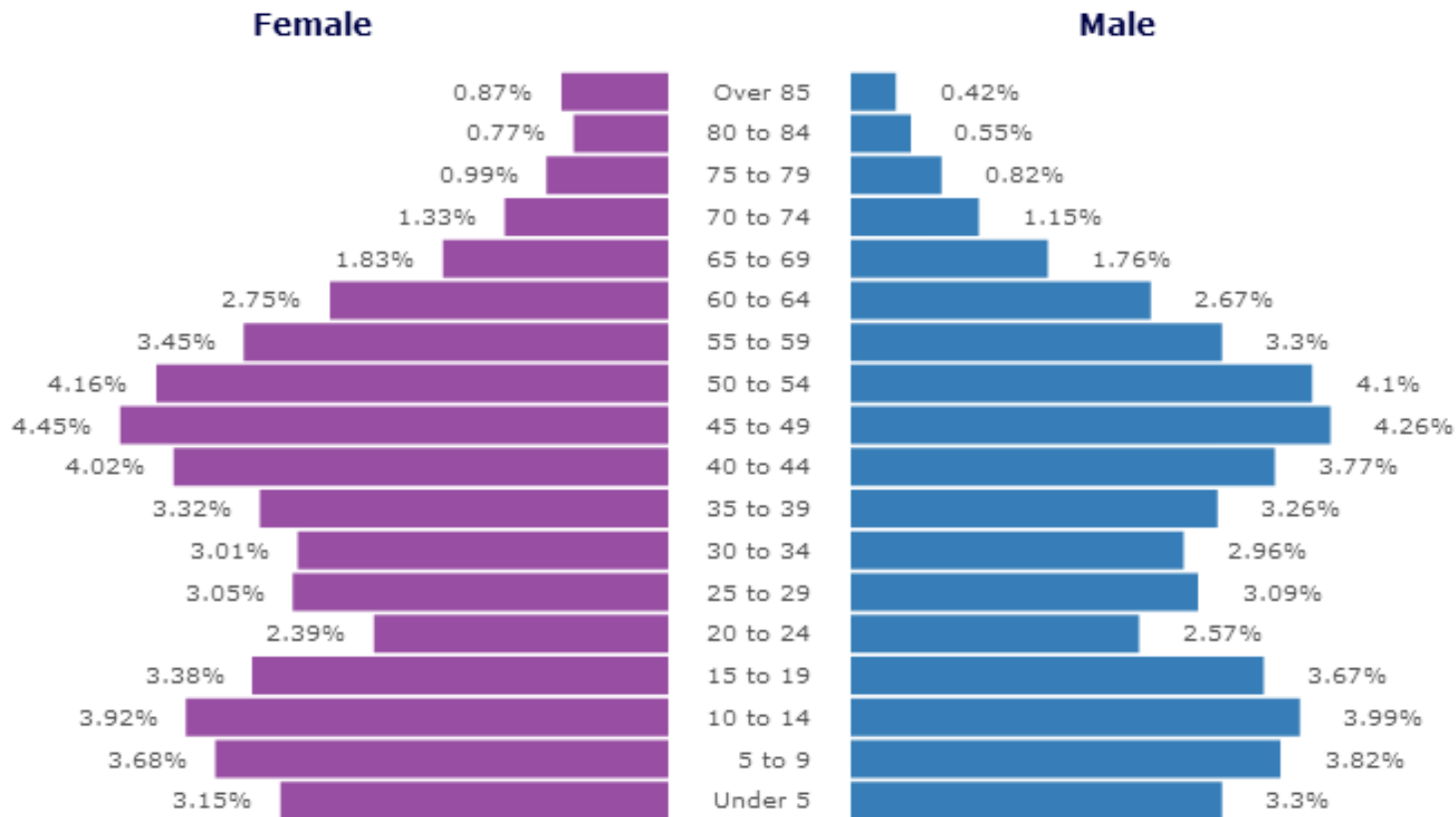


# 7-county Twin Cities region population, 2010 decennial census



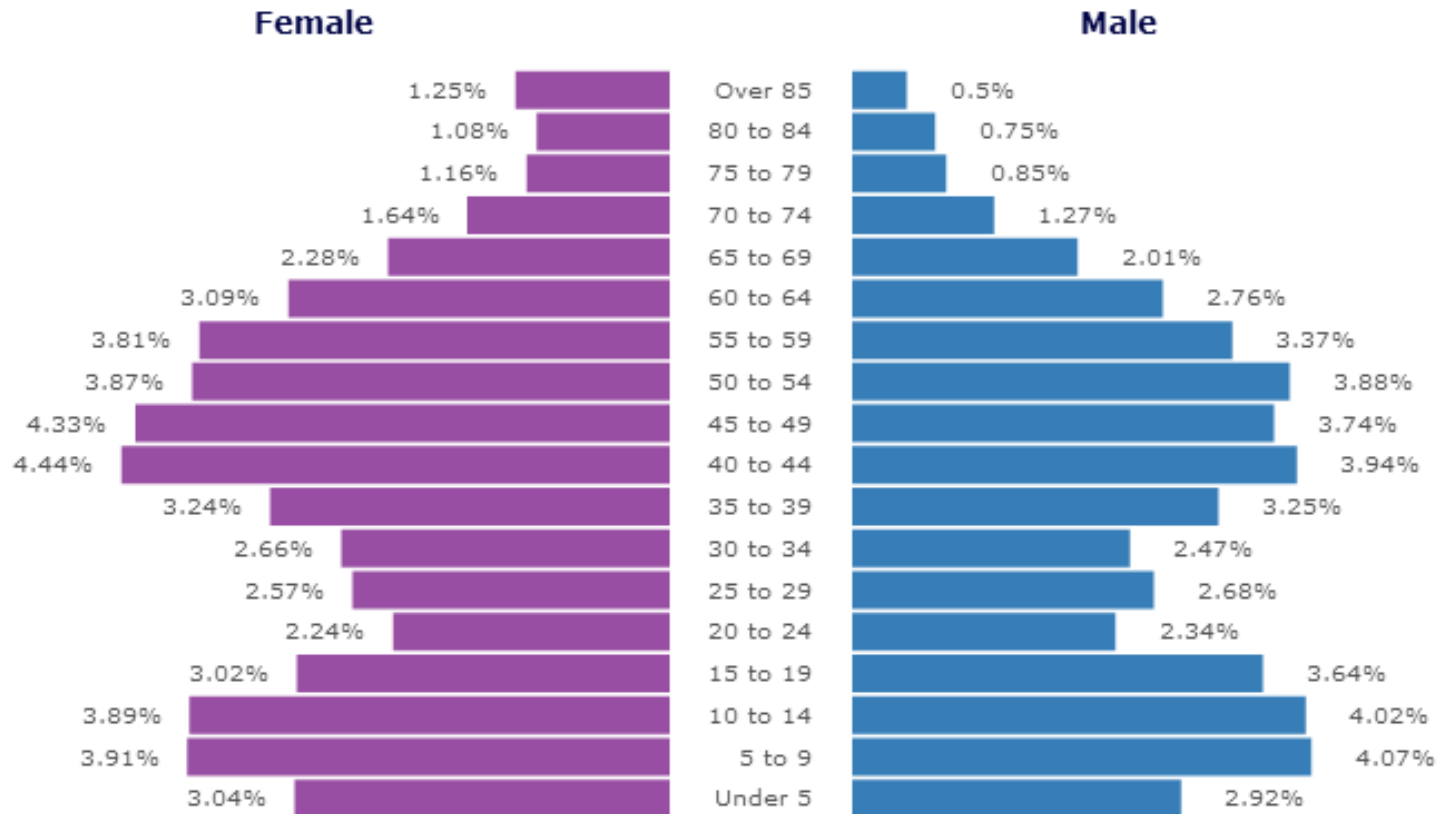


# Washington County population, 2010 decennial census



Sources: U.S. Census Bureau, 2010 decennial census, retrieved via Metropolitan Council Community Profiles. <http://stats.metc.state.mn.us/profile/>

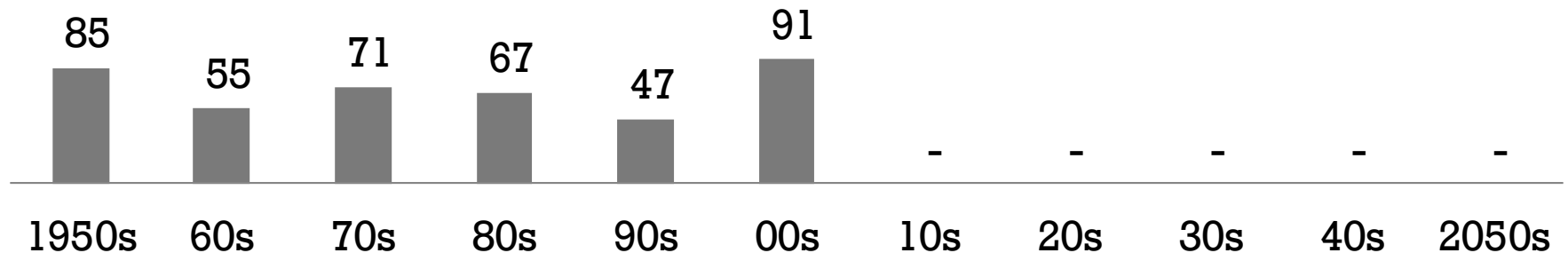
# + Stillwater population, 2010 decennial census



Sources: U.S. Census Bureau, 2010 decennial census, retrieved via Metropolitan Council Community Profiles. <http://stats.metc.state.mn.us/profile/>

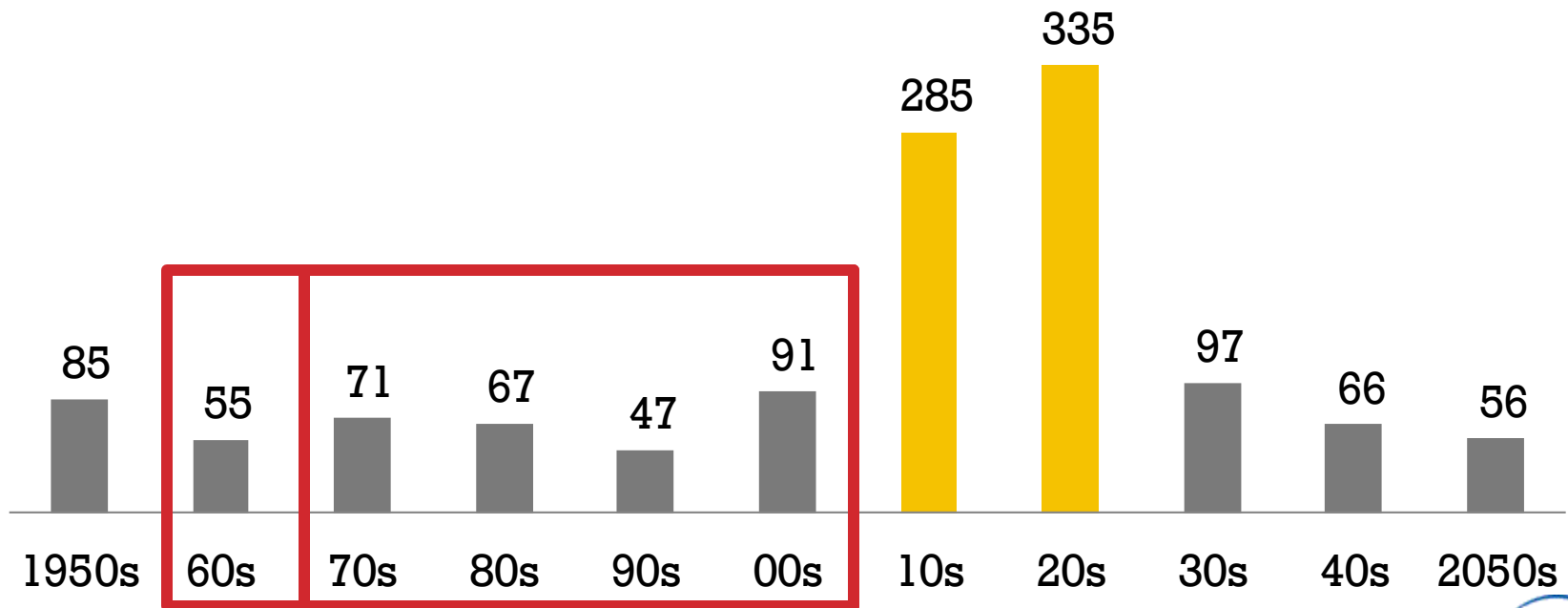
# + How many additional “older adults” will we gain during this decade?

**Change in older adults, age 65+ (Thousands)**



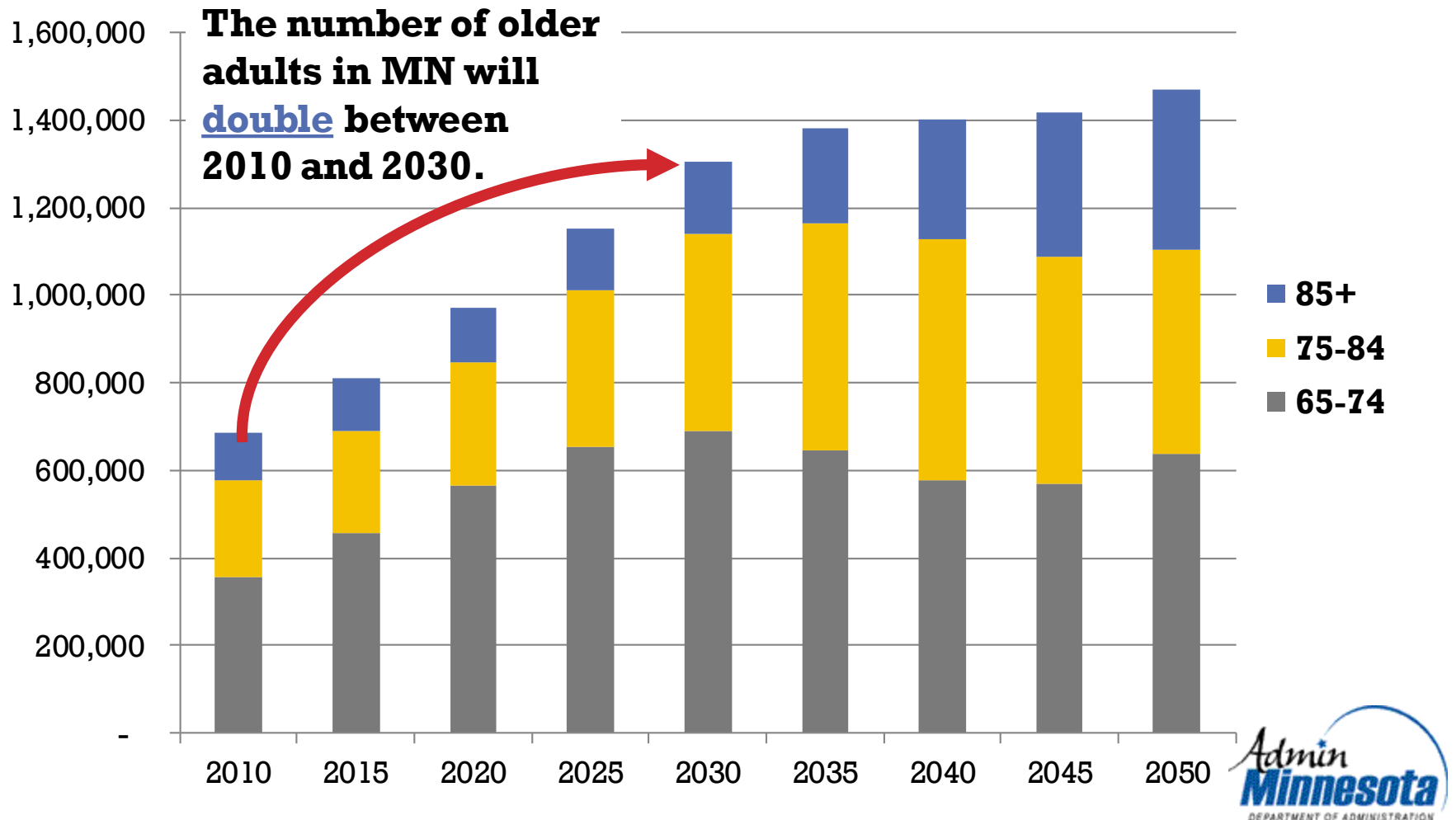
# + This decade and next: *Unprecedented* increases in MN's 65+ population

**Change in older adults, age 65+ (in thousands)**



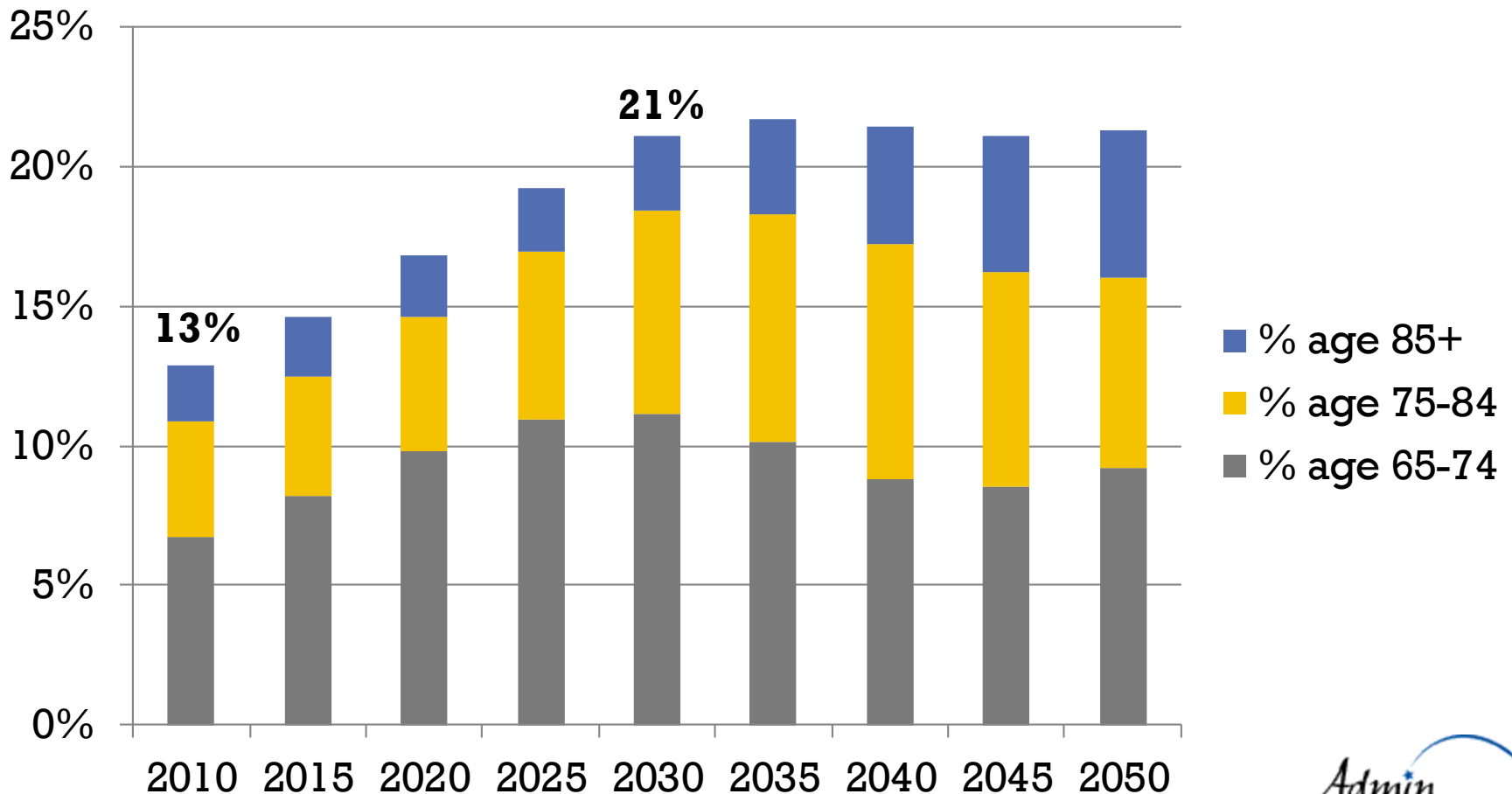


# Older adults in Minnesota by age cohort, 2010-2050





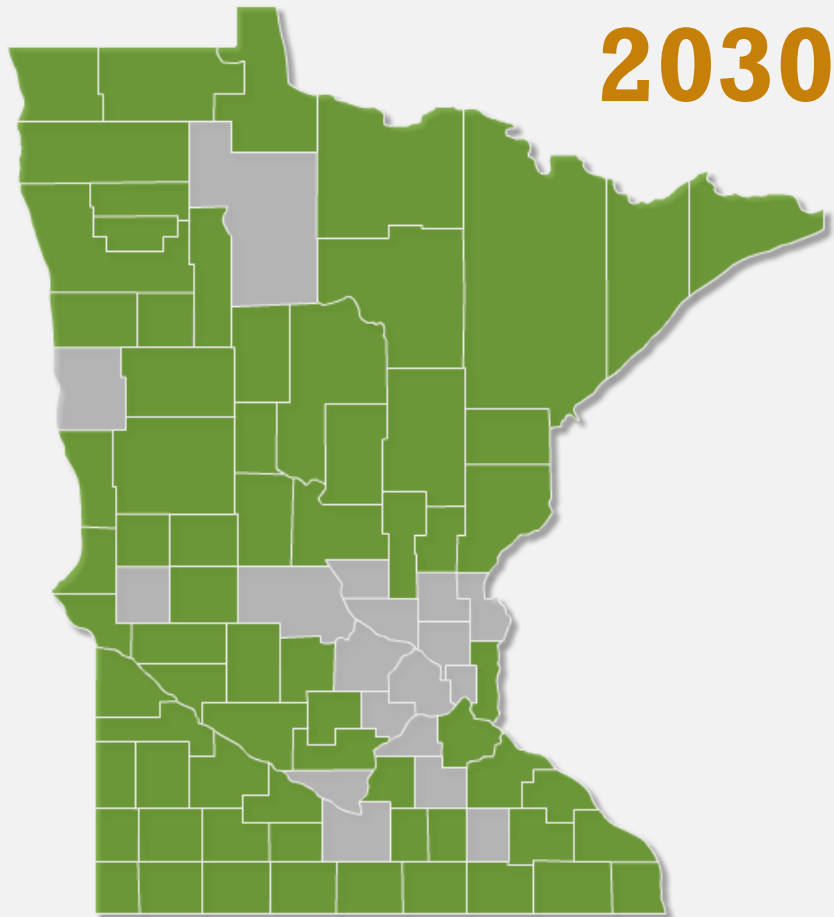
# By 2030, more than 1 in 5 Minnesotans will be 65+, including all Baby Boomers







# By 2030, only a handful of counties will not have 1 in 5 older adults



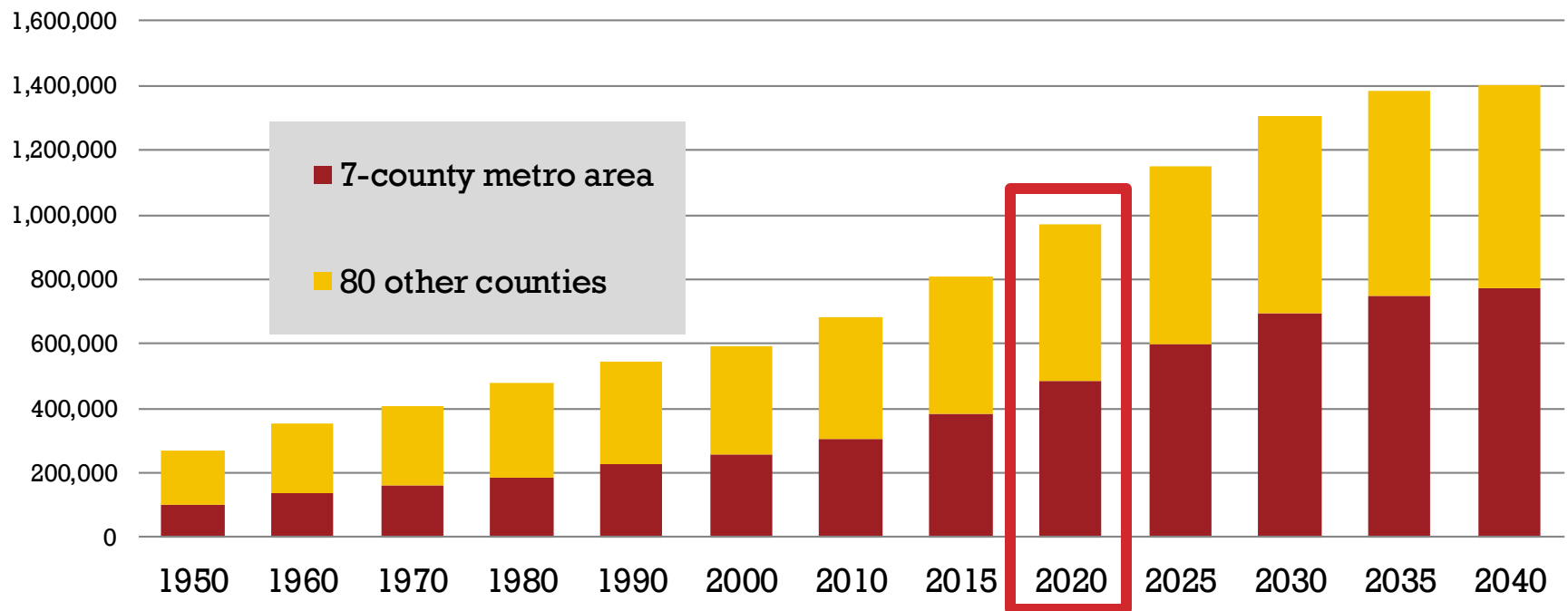
More than 1 in 5 people age 65 or older:

- In 22 counties (2010)
- In 48 counties (2020)
- In 69 counties (2030)



# Older adults in the metro area and Greater Minnesota

**65+ population, actual and projected,  
Twin Cities 7-county metro and balance of state, 1950-2040**





# Aging is gender lopsided

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## ■ Among Minnesotans in their:

- early 60s, there are 97 men for every 100 women
- late 60s, there are 93 men for every 100 women
- early 70s, there are 87 men for every 100 women
- late 70s, there are 81 men for every 100 women
- early 80s, there are 69 men for every 100 women
- late 80s, there are 56 men for every 100 women
- 90s plus, there are 35 men for every 100 women



# QUIZ QUESTION:

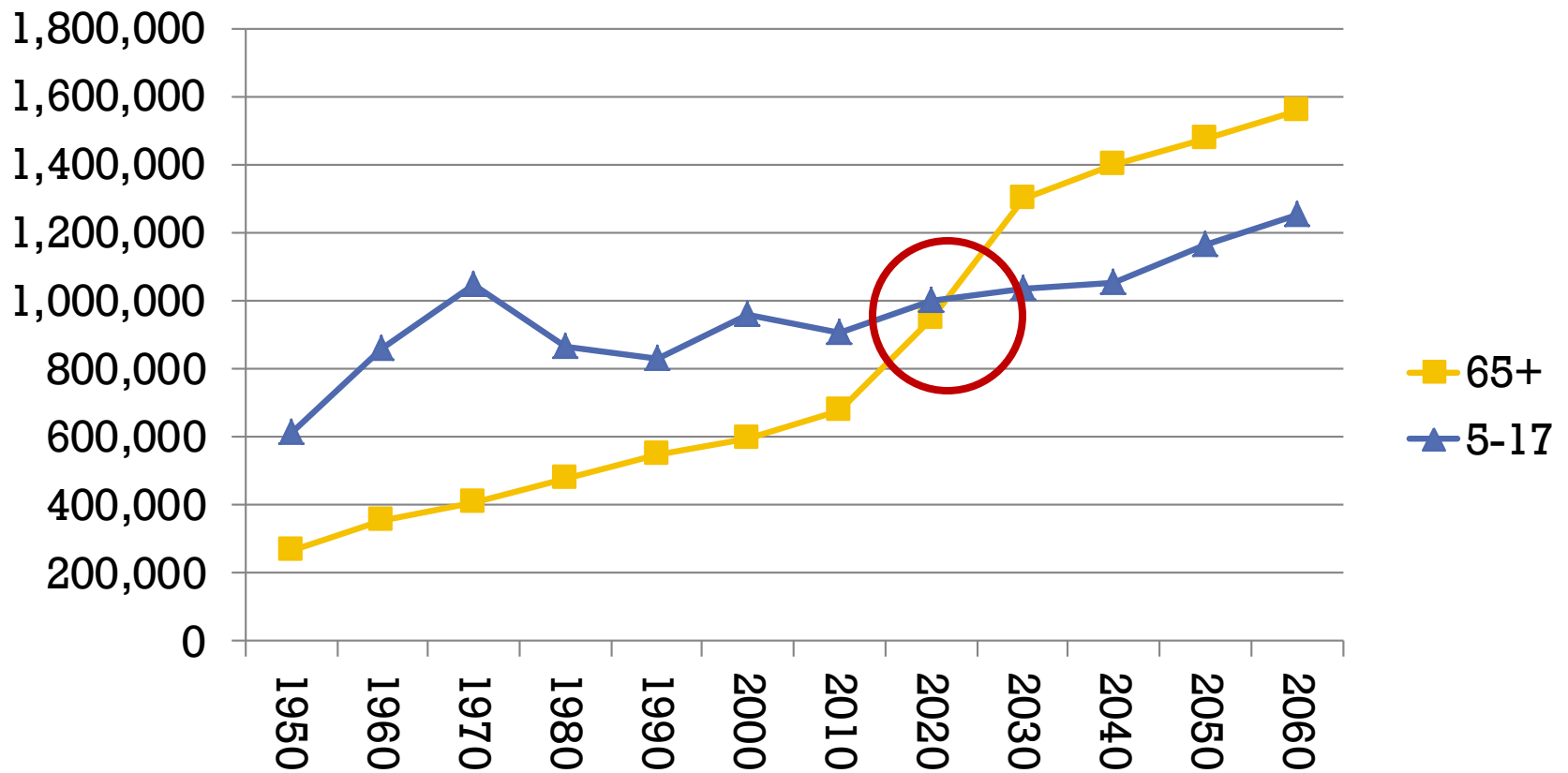


What event is predicted to happen in 2020 that has never before happened in the history of our state?

- A. The Vikings will win the Super Bowl
- B. MN will have more immigrants than U.S.-born residents
- C. MN will have more 65+ residents than school-age children, 5-17



# For the first time in MN history: More 65+ than school-age by 2020



# + Positive implications of an aging state

- Babysitting!
- Reduced crime
- Mentoring
- Volunteerism
  - 2<sup>nd</sup> only to Iowa in percent of those 65+ volunteering





# Challenges related to our aging population

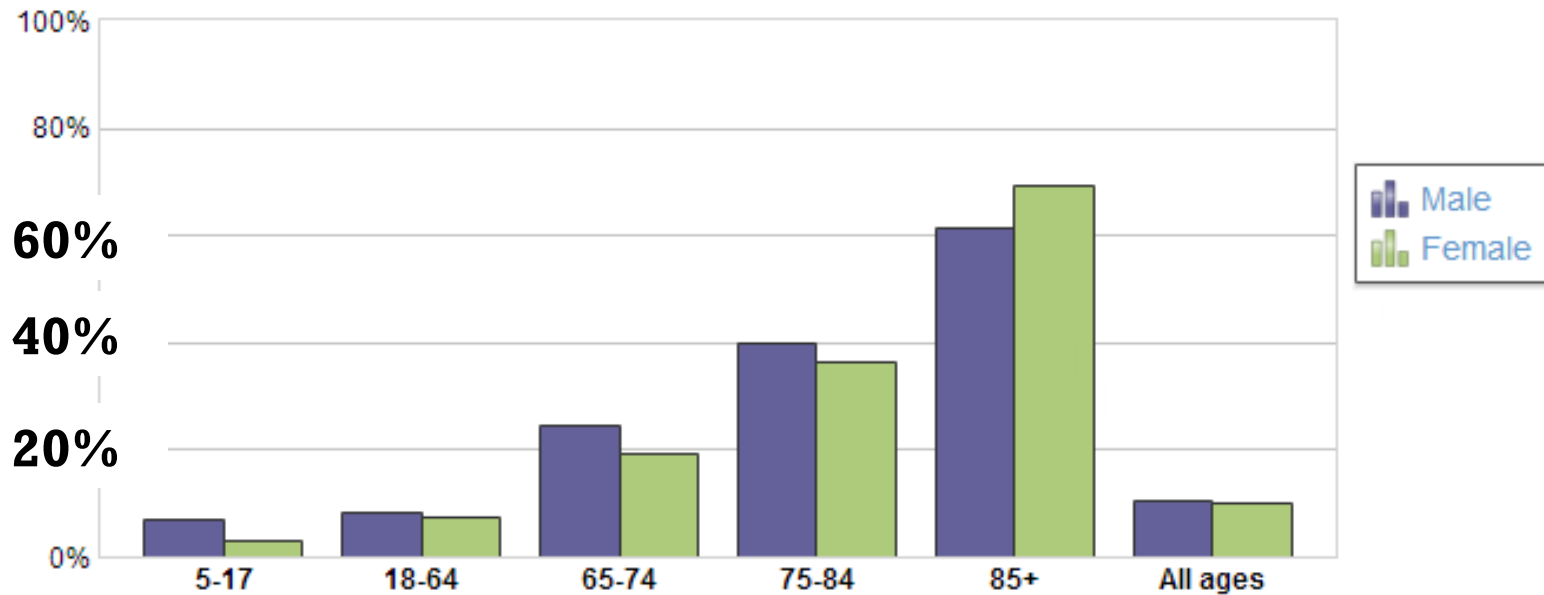
- Will we have or create sufficient **infrastructure** for more transportation, caregiving, health care, and social support needs, as **health challenges and disabilities increase**, especially when children live far away?
- Will we be able to **finance needed services**, especially long-term care?
- Will we have enough workers to form a strong, skilled, highly **productive labor force** as the Boomers retire — for economic growth, tax revenues, and a high quality of life in MN





# Aging brings rising rates of disability *among those living in the community*

**Percent with a disability by gender and age**  
Minnesota, 2011



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

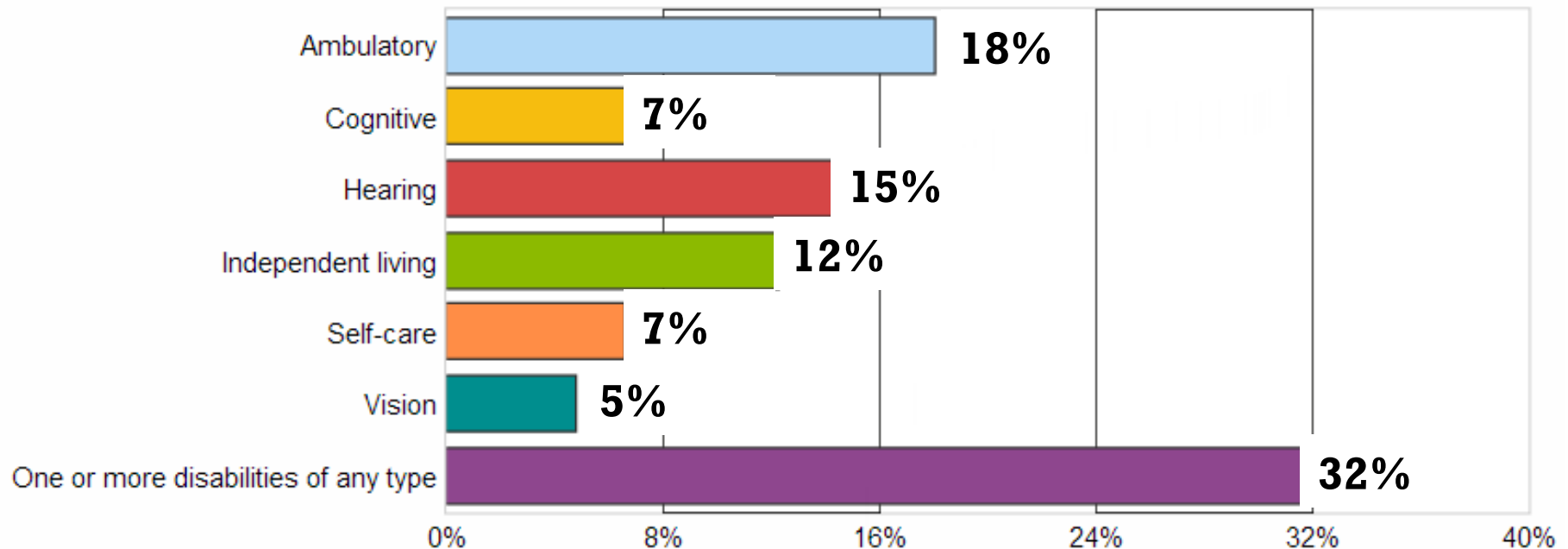
Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.



# Types of disabilities among older adults *living in the community*



Individuals with a disability by type,  
ages 65 and older  
Minnesota, 2012



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.



Compiled by  
Compass

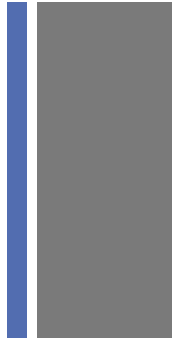


# Dementias strongly associated with advanced age

- The number of Minnesotans with Alzheimer's disease or other dementias is expected to grow dramatically
  - The greatest risk factor for Alzheimer's is advanced age
  - Most persons with Alzheimer's are over 65, and the proportion of people with Alzheimer's doubles every five years after the age of 65
  - For persons over age 85, one out of every two persons has Alzheimer's or another form of dementia



# Minnesotans with dementias projected to double before 2040



**Table 2. Projected Number of Minnesotans with Alzheimer's Disease by Age Group, from 2000 to 2050**

Year	65 – 74	75 – 84	85+	Total
2000	4,500	43,000	40,000	88,000
2010	5,000	40,000	45,000	90,000
2020	5,022	45,000	52,000	102,000
2030	9,000	68,000	65,000	142,000
2040	6,700	90,000	101,000	197,700
2050	6,510	77,000	136,000	219,500





# Labor Force Considerations and Concerns



The ratio of retirees to workers has never come as close as it will

2010

1 retiree

5 workers

2030

1 retiree

3 workers

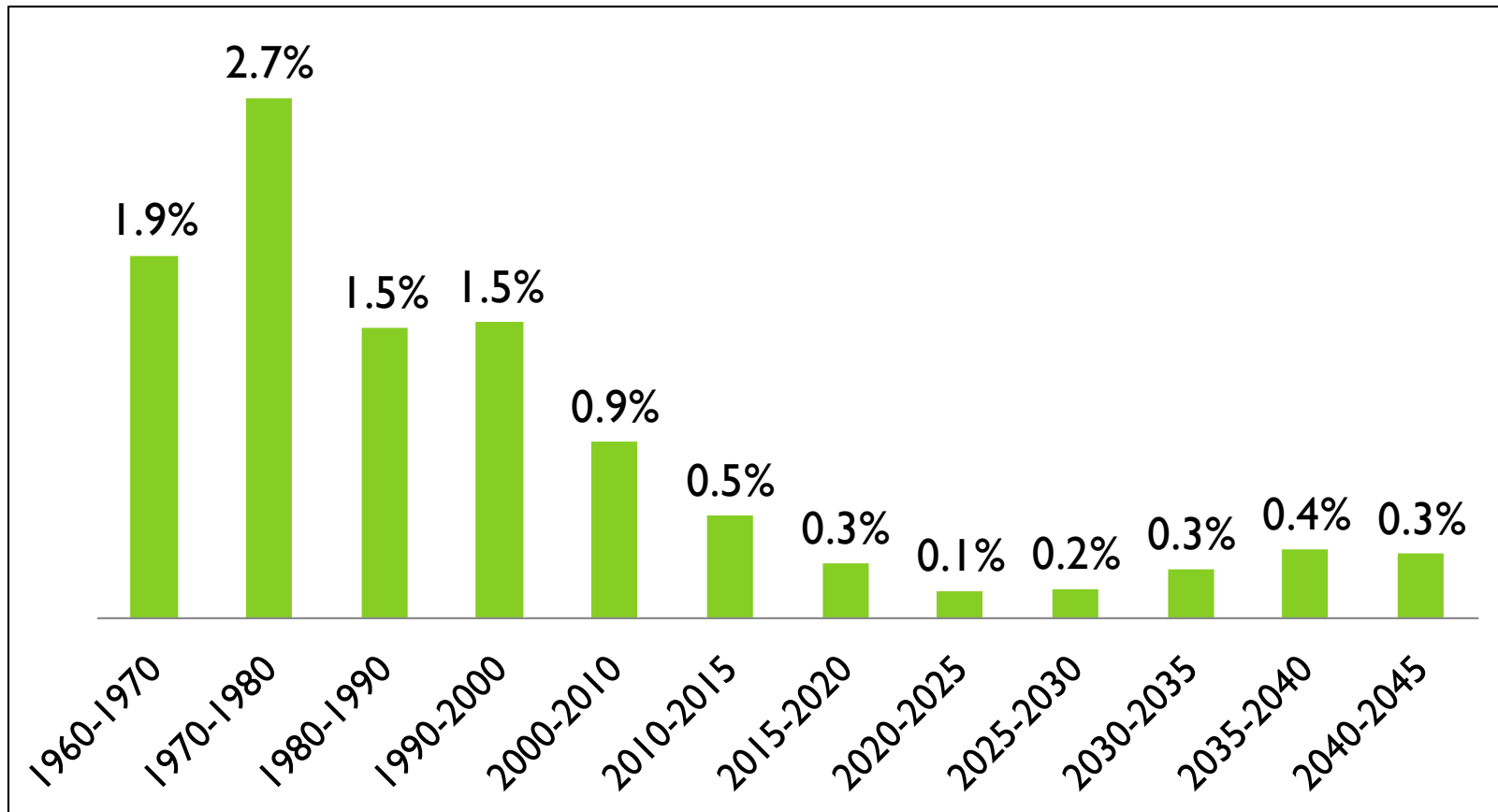
We need to develop, retain, and attract human capital to compete economically

*A changing ratio for potential caregivers as well...*



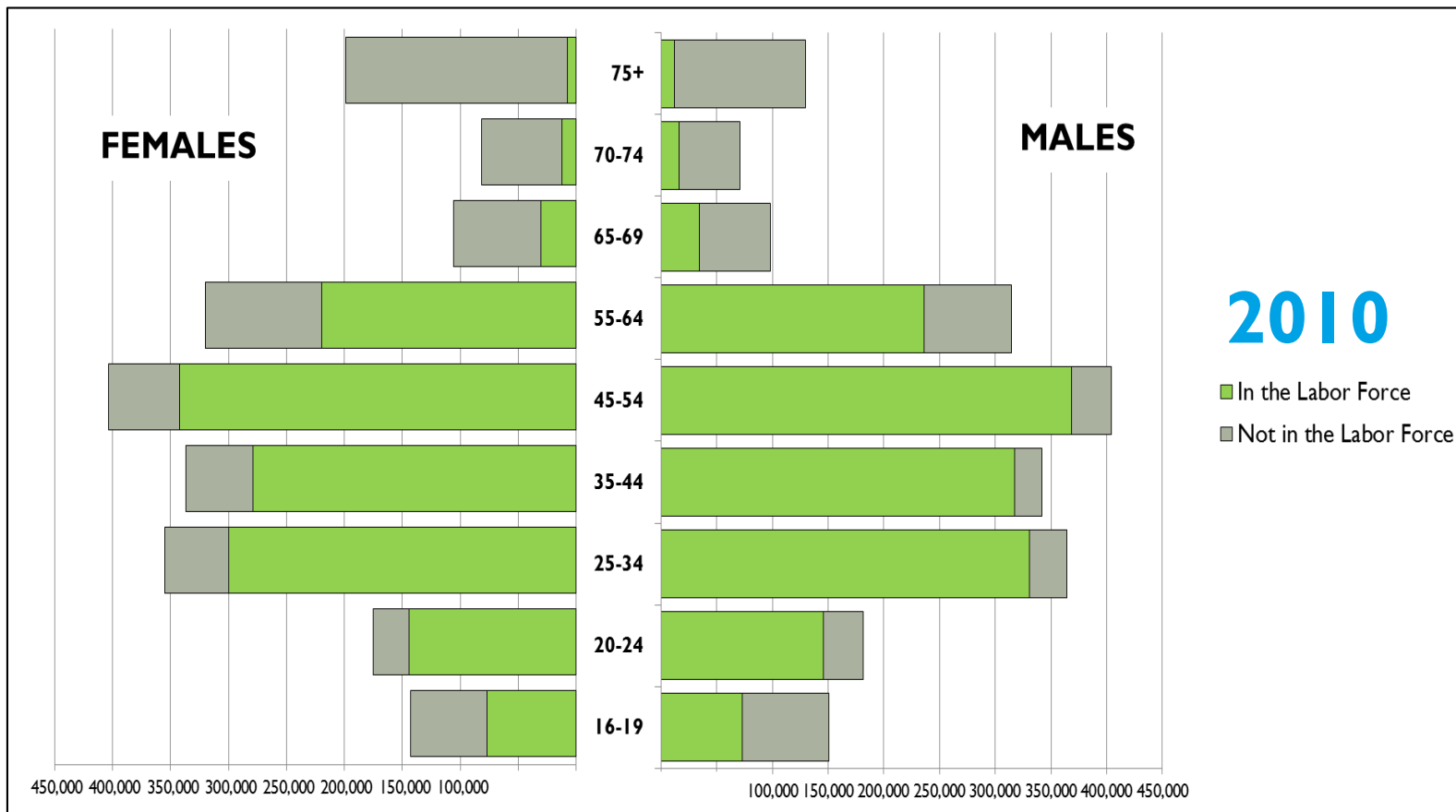


# Labor force growth will continue to slow considerably





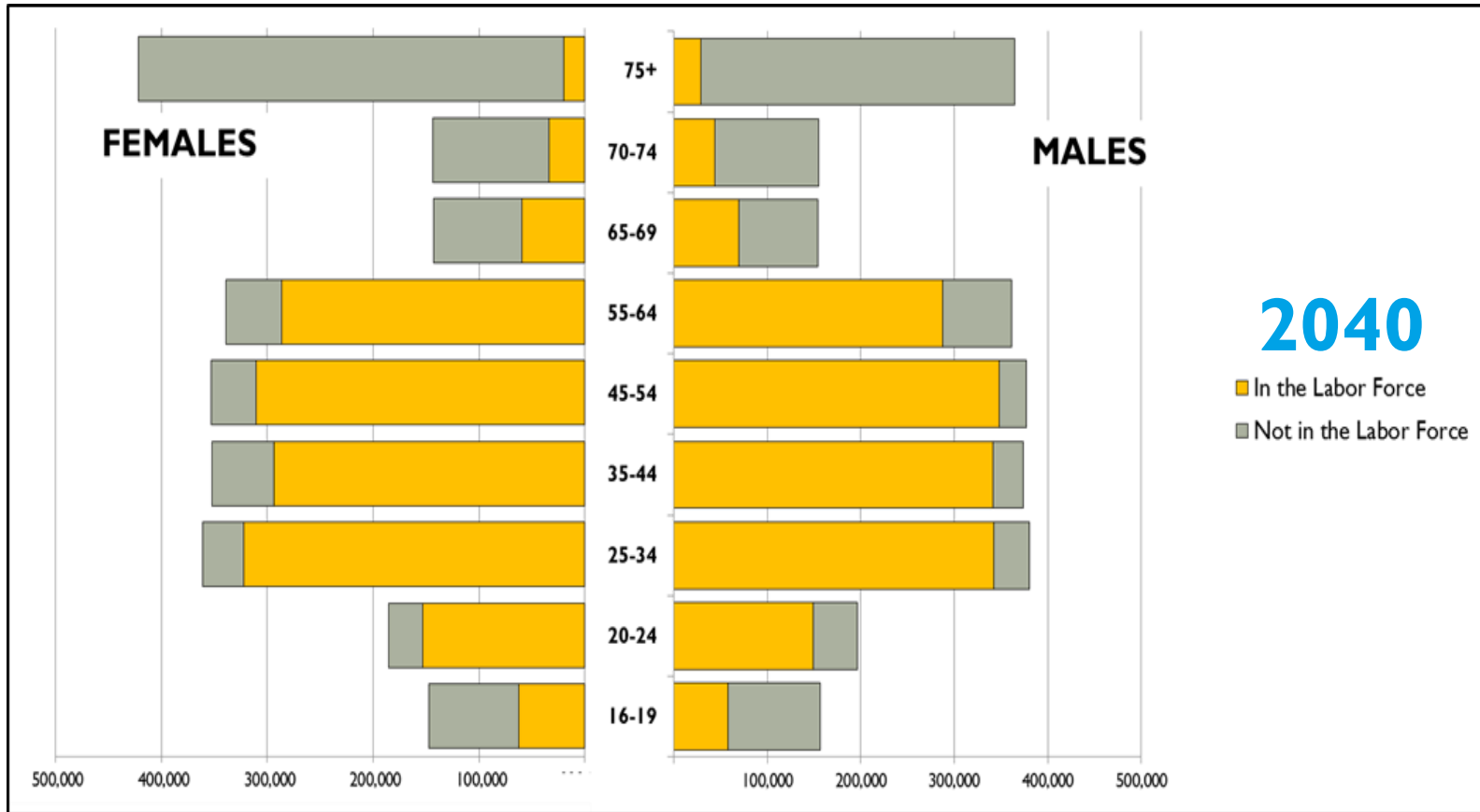
# Population in the labor force in 2010





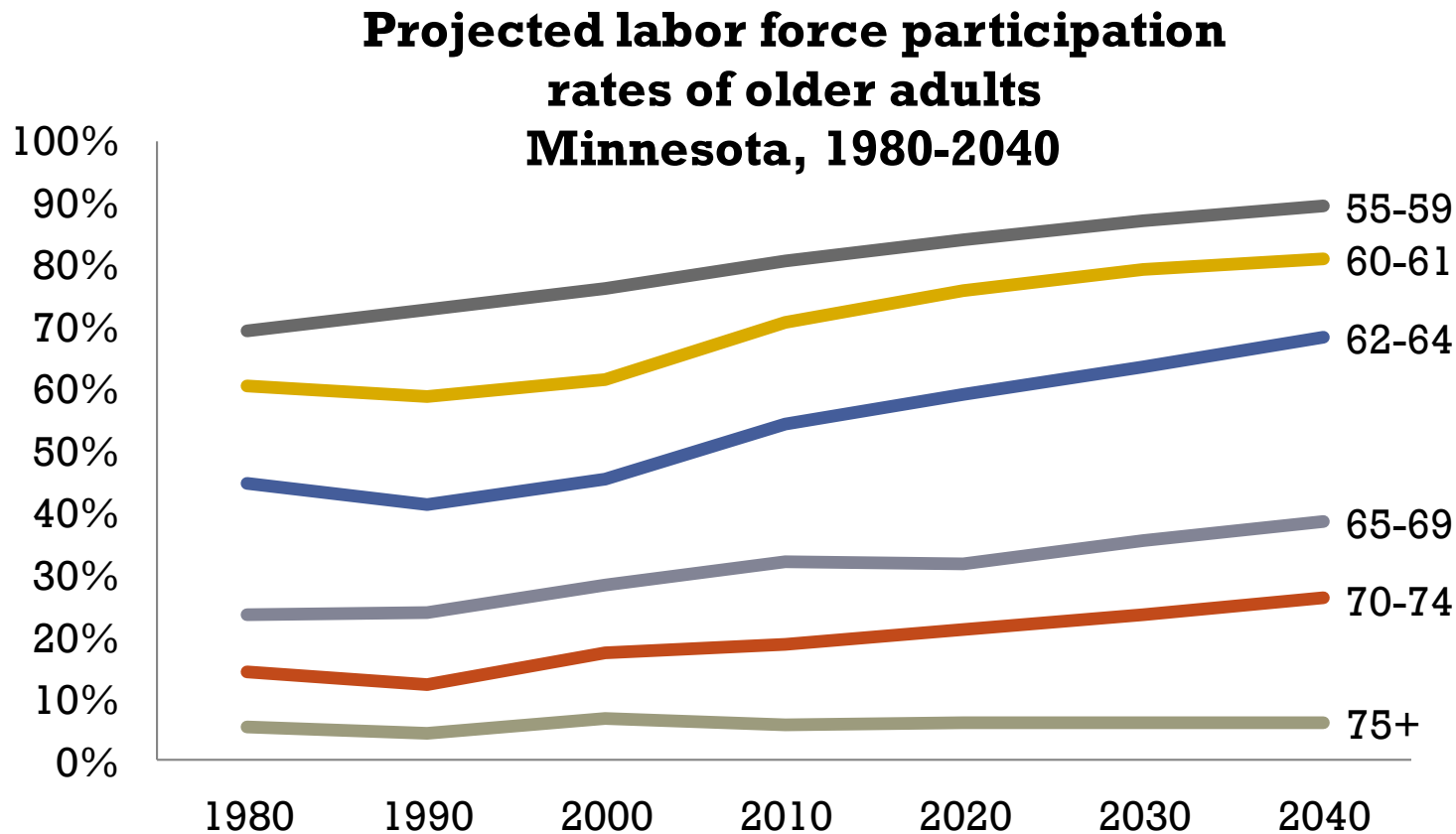


# Population in the labor force in 2040 (projected)





# Higher labor force participation among older adults won't be enough





# Shadow of the Boomers

New report highlighting  
population and labor force  
projections

Released Dec. 31, 2013

Online at

[www.demography.state.mn.us](http://www.demography.state.mn.us)

-or- [bit.ly/19MQjaV](http://bit.ly/19MQjaV)

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In the shadow of  
the Boomers:  
Minnesota's labor  
force outlook



MN STATE DEMOGRAPHIC CENTER  
DECEMBER 2013

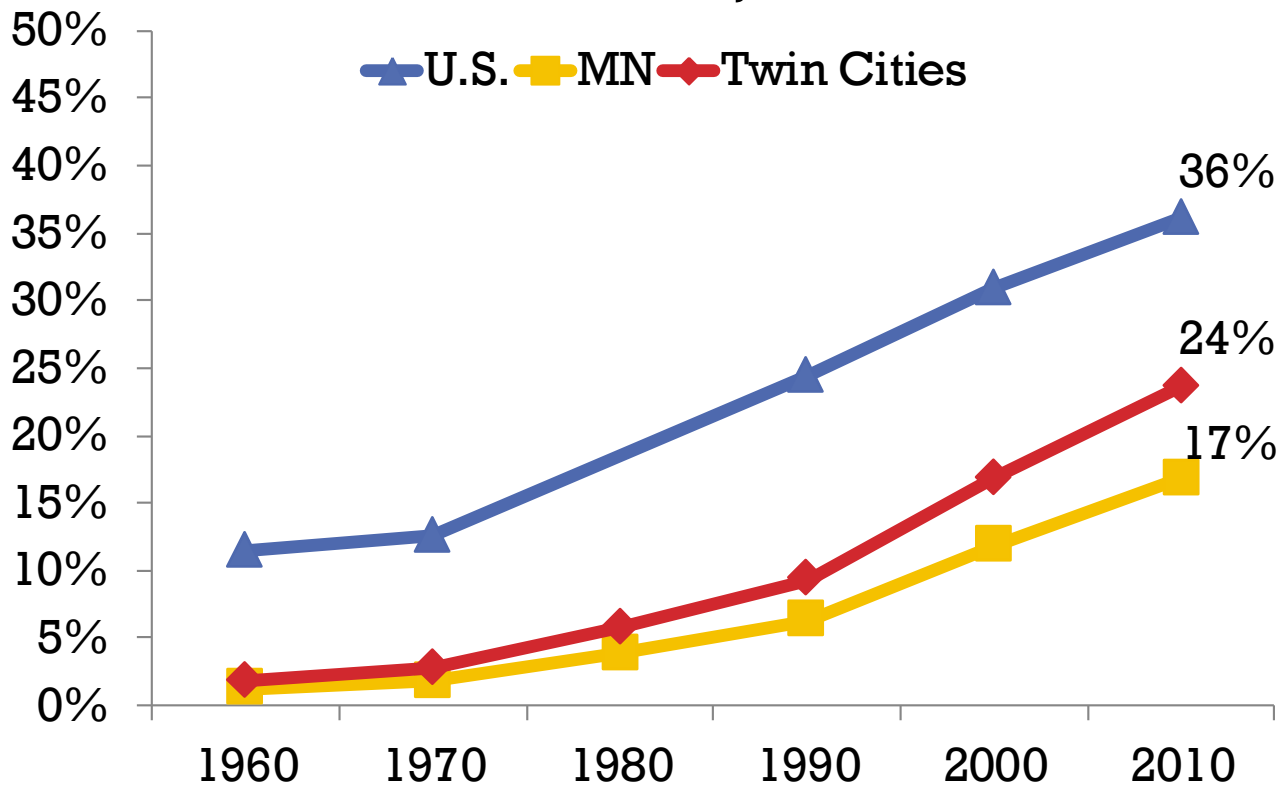


Diversity & Immigration



# 50 years of growing diversity in our metro, state and nation

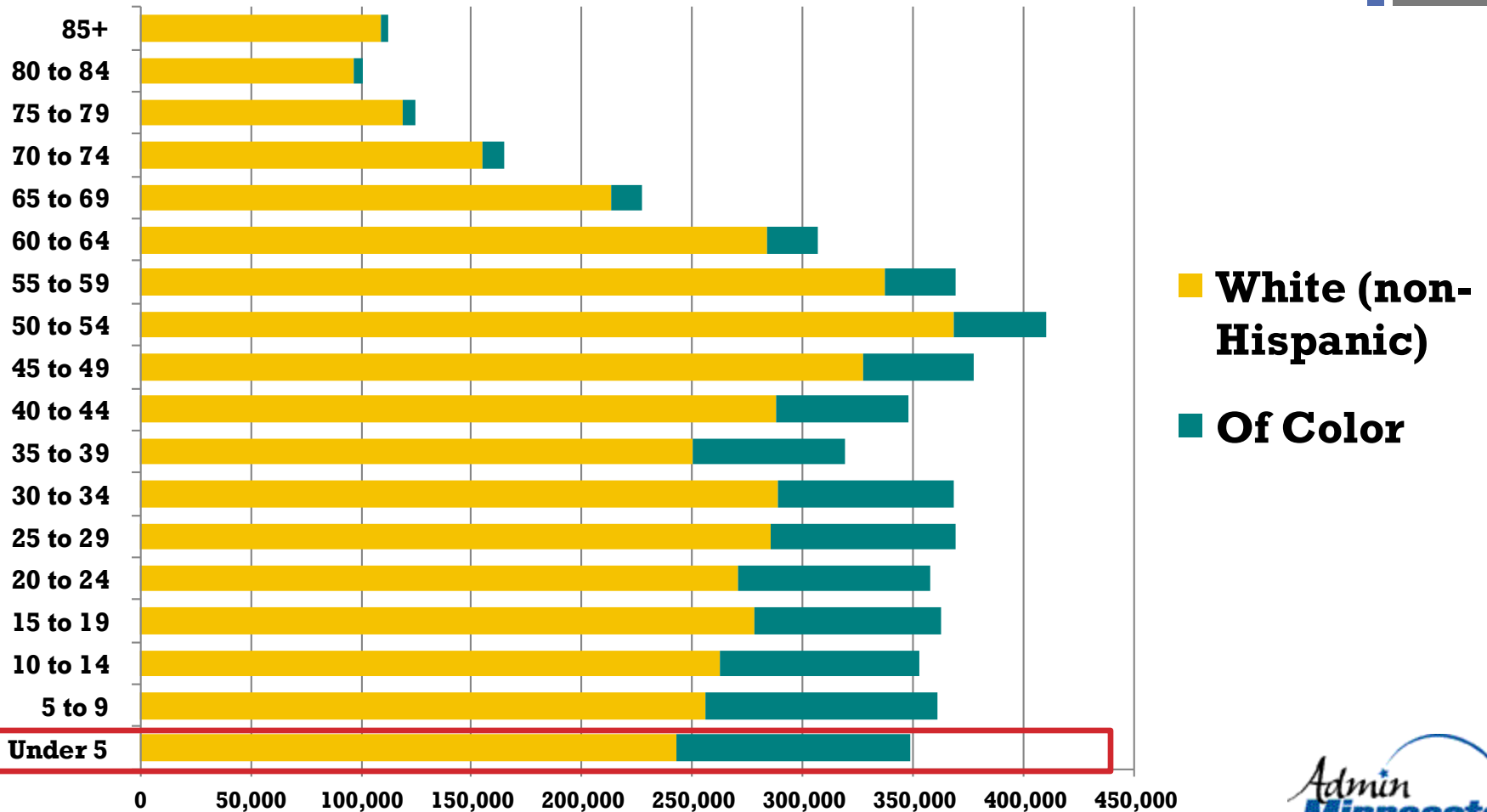
## Percent Of Color, 1960-2010



**% of Color, 2010**  
-Wash Co: 14%  
-Stillwater: 6%



# Minnesota's population by age groups, 2012





# QUIZ QUESTION:

True or False: Immigrants are more common in MN today than they were in 1920.

A. True

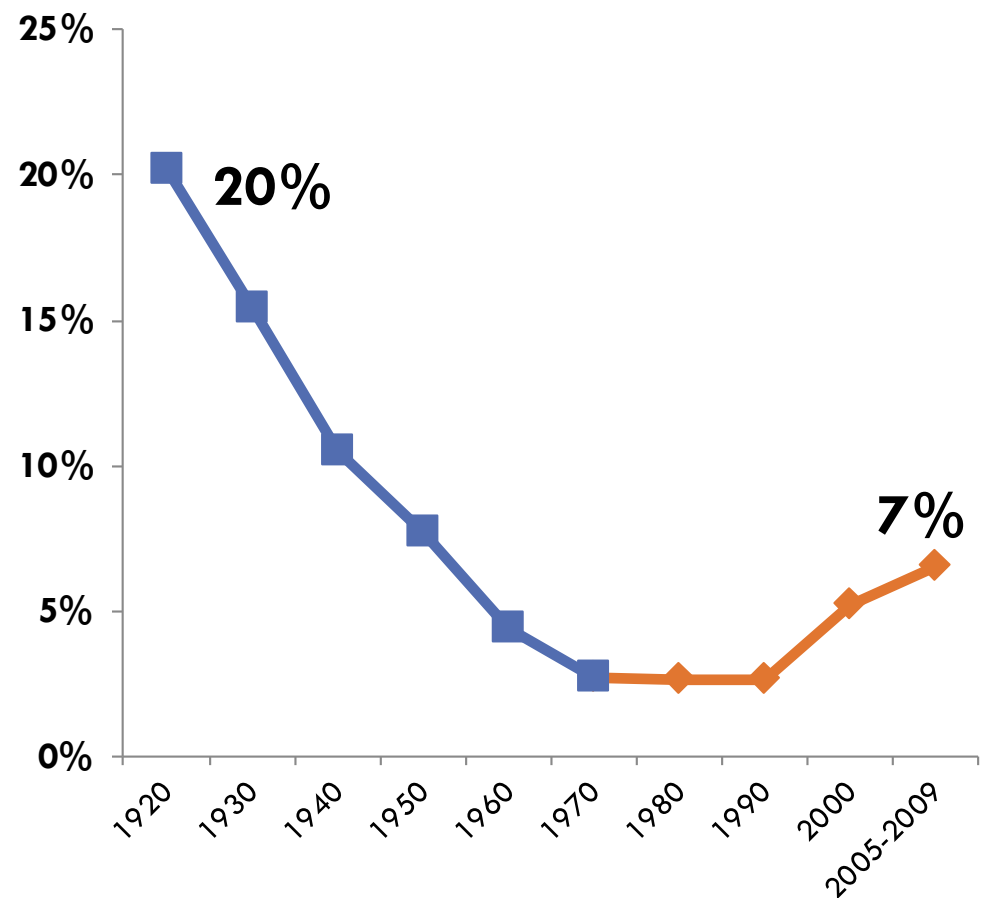
B. False





# Immigration is not a new phenomenon in MN

Percent Foreign Born  
Minnesota 1970-2009



Source: U.S. Census Bureau

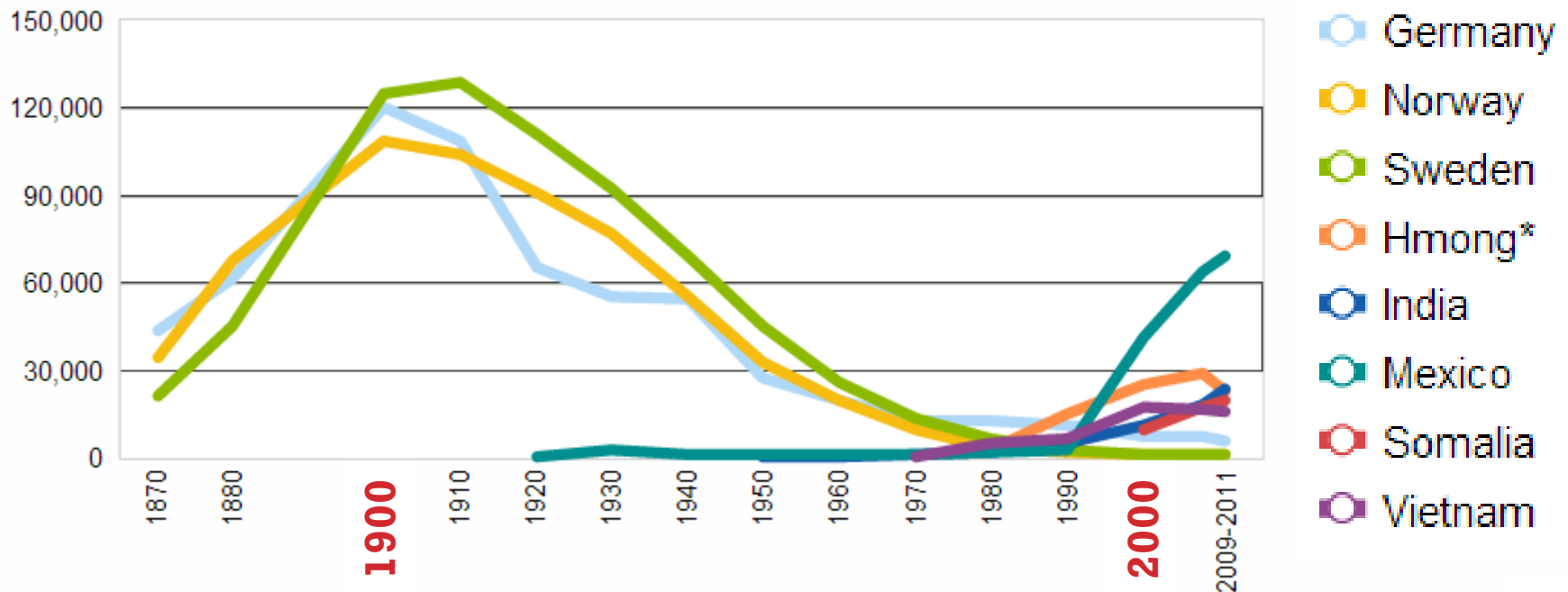




# Much of our state's character is from immigration in early 1900s



Foreign born population by birthplace  
Minnesota, 1870-2011



Source: MNCompass tabulations of IPUMS version of U.S. Census Bureau decennial censuses and 2009-2011 American Community Survey



Compiled by  
Compass

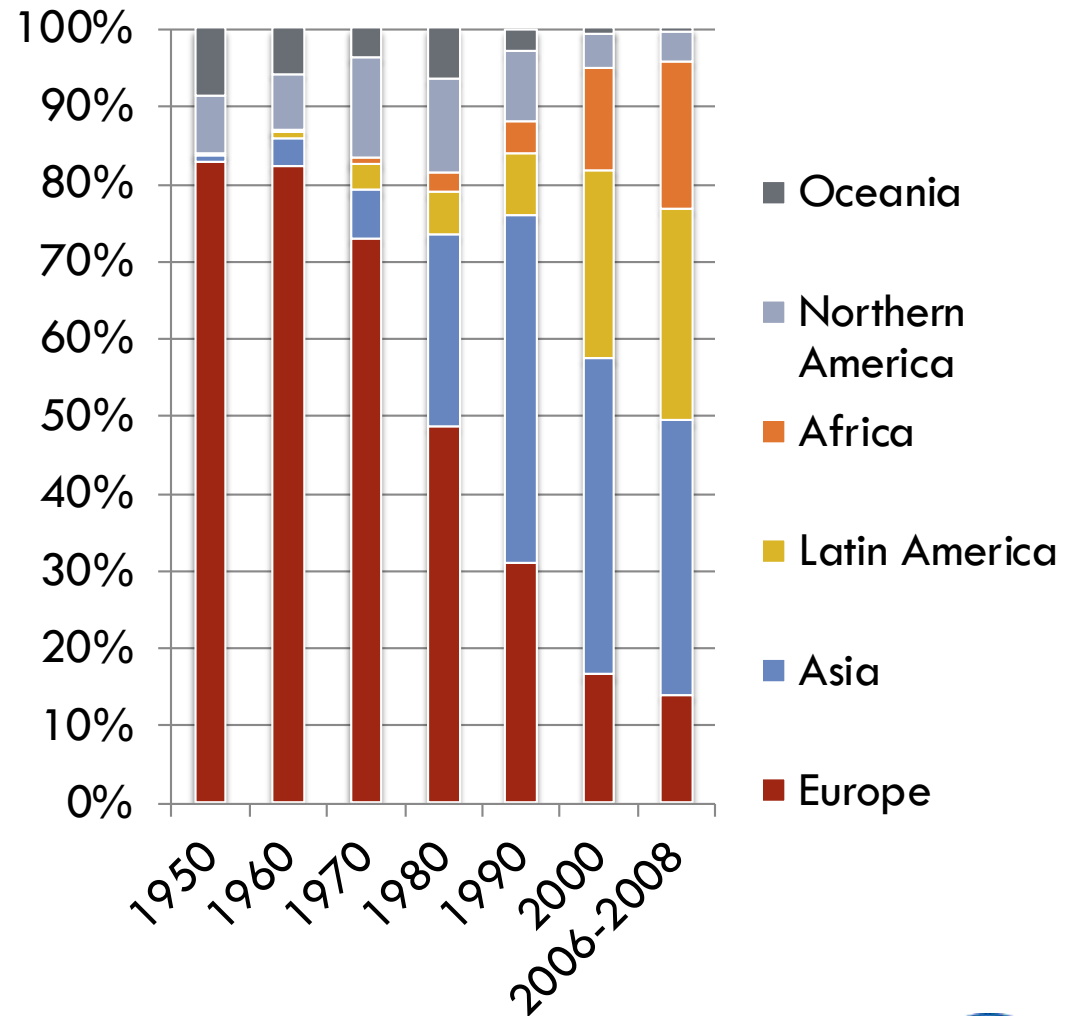
Admin  
**Minnesota**  
DEPARTMENT OF ADMINISTRATION



# Our foreign-born population is becoming increasingly diverse

Foreign Born by World Region of Birth

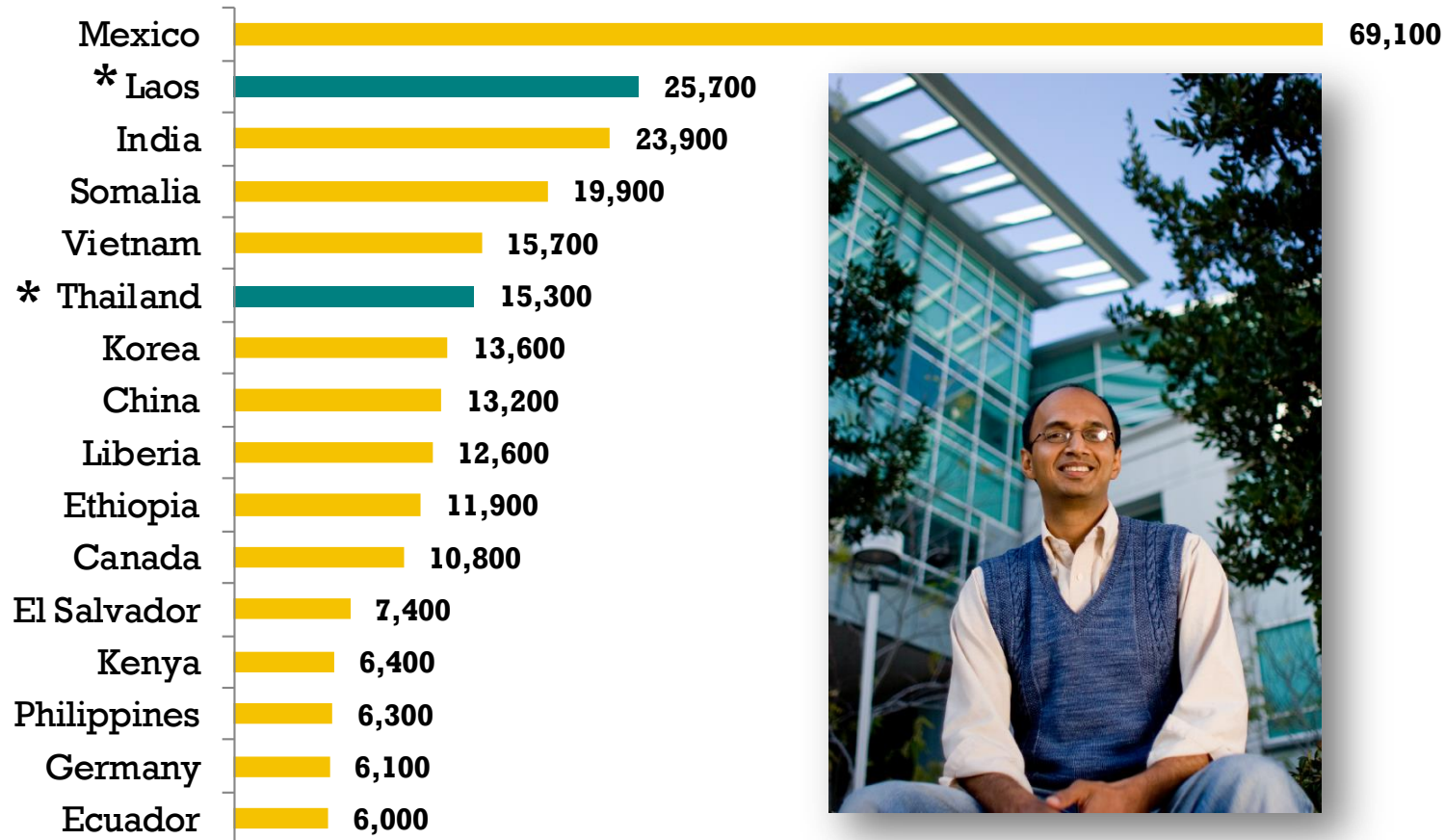
Minnesota 1950-2008



Source: mncompass.org



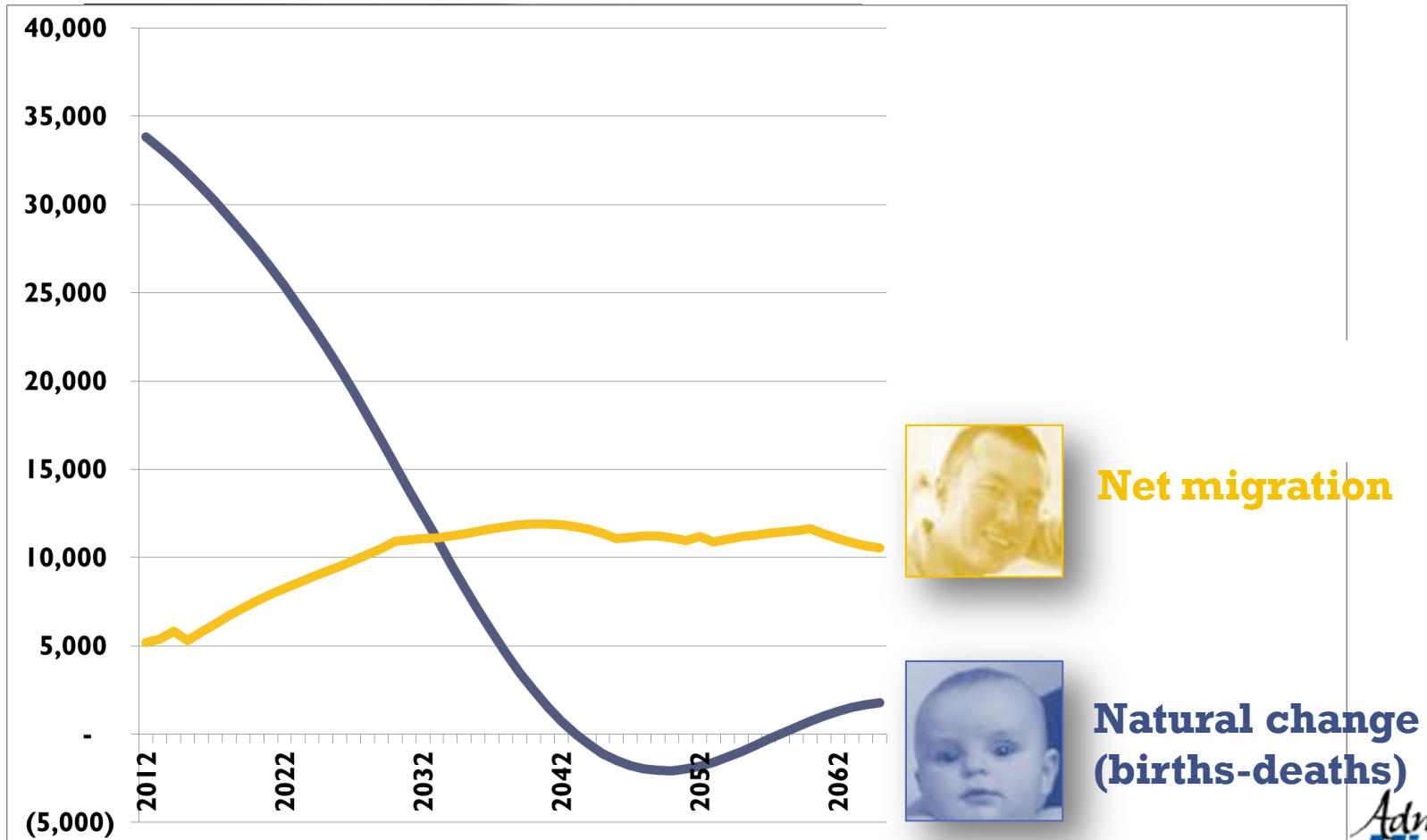
# MN foreign-born population: Largest groups by country of birth, 2009-2011



\* Hmong represented

Source: mncompass.org

# + Not from around here? Good. We need you.



Source: MN State Demographic Center projections, October 2013.



# Migration trends

- Without positive net migration, MN's total population would begin shrinking by 2043, due to more deaths than births

## Migration of typical working-age people:

- Right now, Minnesota also loses about 12,000 residents ages 16 to 64 per year to domestic migration (net).
- It is only because of additional flows of about 20,000 *international* migrants that Minnesota experiences gains about 8,000 working-age people annually (net).



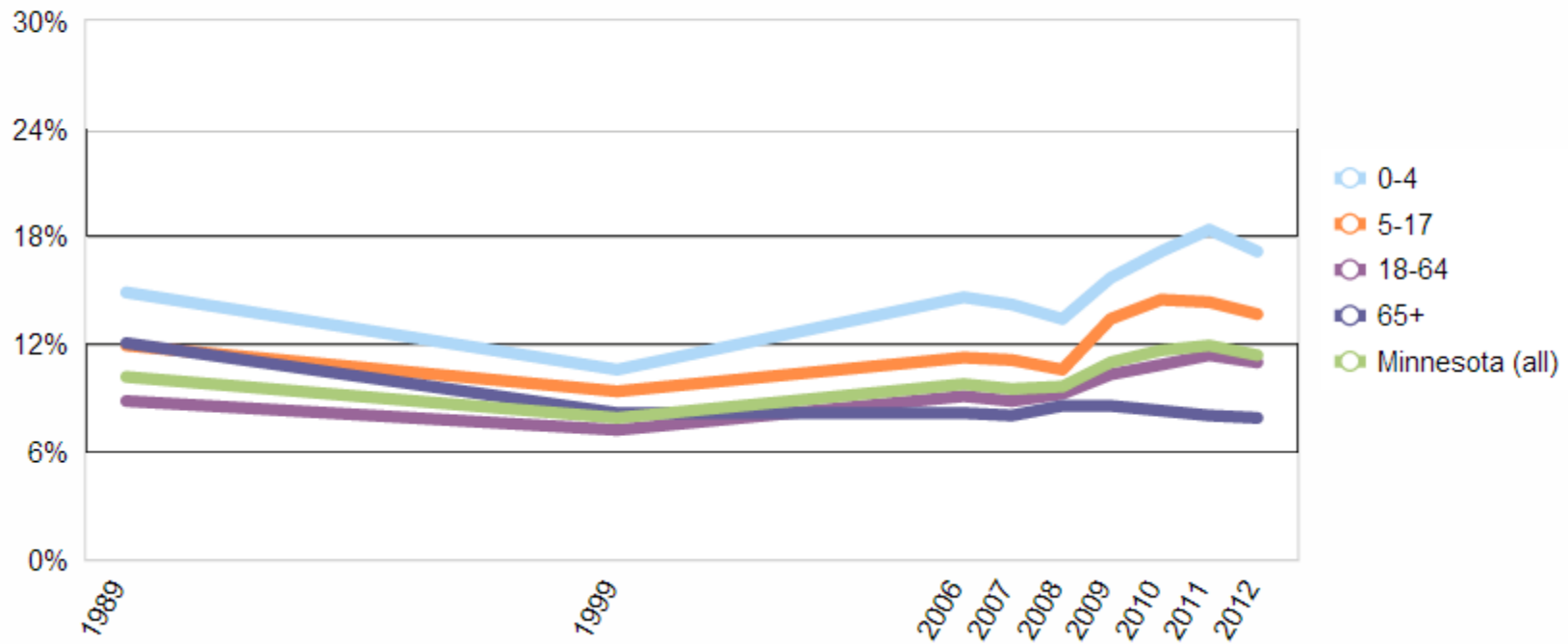
# Washington County and international immigration

- About 700 people arrive in Washington County from abroad each year—mostly from Asia
- About 14,000 total foreign-born in Wash Co.
  - About 1,600 born in Laos (pred. Hmong)
  - About 1,300 born in India
  - About 1,200 born in Mexico
  - About 600-1,200 born in China, Korea and Vietnam (apiece)
- Only about 3 percent of the total population does not speak English *‘very well’*



# Official poverty by age groups in Minnesota

Individuals below the poverty level by age  
Minnesota, 1989-2012





# Official poverty by age groups in Minnesota

- Nearly 600,000 Minnesotans lived in poverty in 2011-2012
  - About 59,000 young children (under 5)
  - About 125,000 school-age children (5-17)
  - About 360,000 working-age people (18-64)
  - About 55,000 seniors (65+)







# In Minnesota

- 5 in 10 Black children,
- 4 in 10 American Indian children
- 3 in 10 Hispanic children
- 2 in 10 Asian children, and
- 1 in 10 White children

**LIVED IN POVERTY IN 2012**





# Which MN kids are leaving high school in 4 years with a diploma? (2013 data)

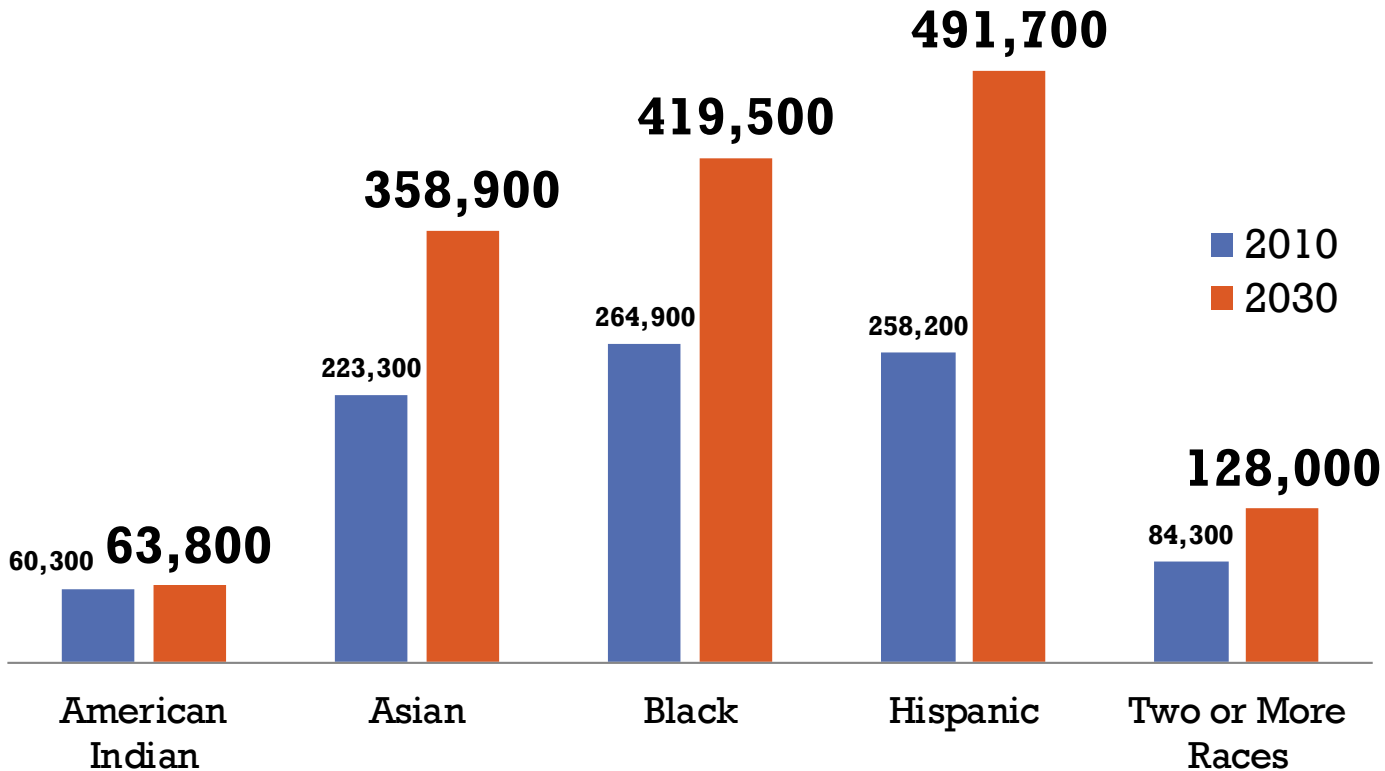
- 79% of all high school students (2009: 74%) + 5 pts
- 49% of American Indian students (2009: 41%) + 8 pts
- 78% of Asian students (2009: 68%) + 10 pts
- 58% of Hispanic students (2009: 43%) + 15 pts
- 57% of Black students (2009: 43%) + 14 pts
- 85% of White students (2009: 82%) + 3 pts
- 77% of boys (2009: 72%) + 5 pts
- 82% of girls (2009: 77%) + 5 pts

Two fastest  
growing  
demographic  
groups in MN





# MN: Largest growth among Asian, Black and Hispanic groups by 2030



Source: Minnesota State Demographic Center projections.

The future  
will look  
very  
different  
from today.



# + Take-away thoughts for all Minnesotans

- All areas of the state will feel effects of an aging population, **some places much more acutely**
- The **aging of our state** will create fierce debates about where to spend scarce public dollars
- Fewer workers relative to older adults puts a premium on **developing, retaining, and attracting skilled workers** — to fuel continued economic growth and to pay for needed public services
- **Poor educational, health and economic outcomes** for our fast-growing populations of color jeopardize our economic competitiveness and quality of life for all

# + Take-away thoughts for Family Means

- Our **aging population** will create many more **caregivers** to support and well as end-of-life transitions requiring support as families experience **grief and loss**
- Washington County has **less diversity** including immigrant residents than the rest of the metro area, and its immigrants have fewer language challenges
- Washington County residents have more **educational and economic assets** than the rest of the metro
- Washington County residents experience **separations, divorce** at a similar rate as the rest of the metro area
- Washington County has **fewer 20-somethings** than the rest of the metro area



Stay in touch with the  
State Demographic  
Center





# + Find Census data, our estimates and projections on our website



## www.demography.state.mn.us

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Friday October 05, 2012 08:4

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### Demography Links

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- Estimates
- Immigration
- Projections
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- Minnesota Data Center network
- Feedback

### Options

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Welcome! The Minnesota State Demographic Center, part of the Department of Administration, is the main provider of demographic data and analysis for the state. The Center provides yearly population estimates and long-term projections each decade, and analyzes and distributes data from the federal government and other sources to monitor key trends. The State Demographic Center serves as a liaison to the U.S. Census Bureau and as a resource to all Minnesotans to find the demographic data they need to make smart decisions.

### RECENT DOCUMENTS



- [New Census data shows better income, poverty trends and more young adults with health insurance in Minnesota](#): American Community Survey data shows Minnesota continues to outperform the nation, September 20, 2012. (Media release)
- [Annual estimates of city and township population, households, and persons per household, 2011](#): Prepared by the MN State Demographic Center (Dataset).
- [Annual estimates of county population, households, and persons per household, 2011](#): Prepared by the MN State Demographic Center (Dataset).
- [First-ever "MN Data Opener" contest concludes](#): Amanda Rohrer, Jason Voioovich, and Patrick Martin named as winners

### CENSUS 2010

The primary source of demographic data for Minnesota is the U.S. Census Bureau. We provide tools and summary reports for Minnesota data. See our [Census 2010 page](#) for more detailed information.

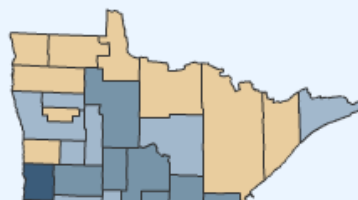
#### 2010 CENSUS RESULTS

### Minnesota

STATE POPULATION: 5,303,925

POPULATION CHANGE BY COUNTY: 2000-2010

LOSS 0-5% 5-15% 15-25% 25% +



BACK TO U.S. MAP

VIEW FULL SCREEN

STATE POPULATION BY RACE  
MINNESOTA: 2010

PERCENT OF POPULATION	CHANGE 2000-2010
White alone	85.3% 2.8% ↑
Black or African American alone	5.2% 59.8% ↑
American Indian and Alaska Native alone	1.1% 10.8% ↑
Asian alone	4.0% 50.9% ↑
Native Hawaiian and Other Pacific Islander alone	8.9% ↑







# State Demographic Center resources to help you in your work

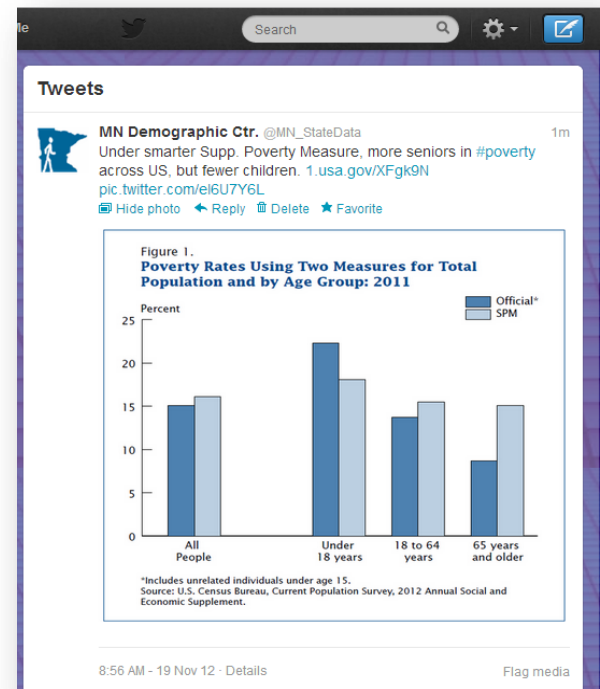
- Homepage:  
[www.demography.state.mn.us](http://www.demography.state.mn.us)

- Follow us on Twitter:  
[@MN\\_StateData](https://twitter.com/MN_StateData)

 Follow @twitter

Another local resource:

- For maps, profiles and more:  
**MN Compass:** [mncompass.org](http://mncompass.org)





Questions?  
Comments?

**Thank you!**



**Andi Egbert**

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651-201-2474